UNIVERSITY OF MASSACHUSETTS BOSTON

Division of Corporate, Continuing
& Distance Education

Summer 2007

- over 500 graduate & undergraduate courses
- online courses & programs
- international programs
- field study
- programs on Nantucket

UMASS BOSTON

summer.umb.edu

617.287.7900

Summer 2007 Academic Calendar

	Session CE1 May 29-June 28	Session CE2 May 29-July 12	Session CE3 May 29-July 26	Session CE Online May 29-Aug 23
Registration begins	April 2 (M)	April 2 (M)	April 2 (M)	April 2 (M)
Early registration deadline	May 18 (F)	May 18 (F)	May 18 (F)	May 18 (F)
Late registration begins*	May 21 (M)	May 21 (M)	May 21 (M)	May 21 (M)
Classes begin	May 29 (Tu)	May 29 (Tu)	May 29 (Tu)	May 29 (Tu)
Add/drop deadline	June 5 (Tu)	June 5 (Tu)	June 5 (Tu)	June 5 (Tu)
Pass/fail–withdrawal deadline	June 7 (Th)	June 14 (Th)	July 5 (Th)	July 5 (Th)
Last day of class	June 28 (Th)	July 12 (Th)	July 26 (Th)	Aug 23 (Th)
REFUND SCHEDULE**				
Deadline for 100% refund	May 31 (Th)	May 31 (Th)	May 31 (Th)	May 31 (Th)
Deadline for 50% refund	June 5 (Tu)	June 5 (Tu)	June 5 (Tu)	June 5 (Tu)

	Session CE4 July 2-Aug 2	Session CE5 July 16-Aug 2	Session CE6 July 16-Aug 23
Registration begins	April 2 (M)	April 2 (M)	April 2 (M)
Early registration deadline	June 22 (F)	July 6 (F)	July 6 (F)
Late registration begins**	June 25 (M)	July 9 (M)	July 9 (M)
Classes begin	July 2 (M)	July 16 (M)	July 16 (M)
Add/drop deadline	July 11 (W)	July 23 (M)	July 23 (M)
Pass/fail–withdrawal deadline	July 13 (F)	July 24 (Tu)	Aug 2 (Th)
Last day of class	Aug 2 (Th)	Aug 2 (Th)	Aug 23 (Th)
REFUND SCHEDULE***			
Deadline for 100% refund	July 6 (F)	July 18 (W)	July 18 (W)
Deadline for 50% refund	July 11 (W)	July 23 (M)	July 23 (M)

*A $25 late fee will be assessed for all registrations conducted during this period.
**For information on refund policies and procedures, see page number
NO REFUNDS WILL BE GIVEN AFTER THE 50% REFUND DEADLINE DATE.

Holidays

The University will be closed on the following days:

Patriots' Day	April 16 (M)
Memorial Day	May 28 (M)
Bunker Hill Day	June 17 (Su)
No class on Monday, June 18	
Independence Day	July 4 (W)

Registration Hours

Monday-Thursday, 8:30am-6:00pm
Friday, 10:00am-4:00pm

Extended Hours:
Registration is open until 7:00pm on the following days: May 29-May 31 (Tu-Th), June 4-5 (M-Tu), July 16-19 (M-Th), July 23 (M)

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All information in this publication is subject to change.

Corporate, Continuing and Distance Education Office

The Division of Corporate, Continuing and Distance Education office (Wheatley Hall, 2nd floor, room 203) is open throughout the year to distribute information and resolve problems. Regular weekday hours are: Monday through Thursday, 8:30am-6:00pm; Friday, 10:00am-4:00pm. Special hours for summer 2007 are as follows: May 29-May 31, June 4-5, July 16-19, and July 23, 8:30am-7:00pm.. To contact CCDE, call 617.287.7900 or email: ccde@umb.edu.

Contact Information

There are many people in the Division who can help you with questions about our programs, policies, and procedures. Here are some names and numbers to remember:

GENERAL INFORMATION
Reca Quarles
617.287.7900 ccde@umb.edu

REGISTRATION
Registration Info Line
617.287.7914
(for information only; to register by phone, call 617.287.7916)

Registration Fax Line
617.287.7902

ACADEMIC ADVISING
Ed Zaleskas
617.287.7900 edward.zaleskas@umb.edu

ONLINE COURSES & PROGRAMS
Kitty Galaitsis
617.287.7918 katharine.galaitsis@umb.edu

INTERNATIONAL PROGRAMS
Susan Griffin
617.287.7278 susan.griffin@umb.edu

FIELD STUDY & PROGRAMS ON NANTUCKET
Elaine Sullivan
617.287.7915 elaine.sullivan@umb.edu

ENGLISH LANGUAGE STUDY
Cindy Jimenez
617.287.7876 cindy.jimenez@umb.edu

CORPORATE/PROFESSIONAL TRAINING
Cindy Jimenez
617.287.7876 cindy.jimenez@umb.edu

Website

Find us online at ccde.umb.edu

Visit ccde.umb.edu and sign up for our eList – our email notification program. You will be the first to know about new programs, courses, and events.

On our site, you will also find:
- online registration
- up-to-the-minute information on all courses
- extensive information about our degree & certificate programs
- more comprehensive information about our online courses, such as instructor bios
- A-Z guide to everything CCDE
- downloadable forms for registration, add-drop, etc.

We encourage you to visit the site regularly.

Directions to UMass Boston

The University is only three miles from downtown Boston and is easily accessible by public or private transportation.

From the north or west: Take the Southeast Expressway to exit 15. Turn left onto Columbia Road. Enter the rotary and take the first right (Morrissey Boulevard). Bear right of the traffic island, following the UMass Boston sign. Proceed past the Boston Globe building. Turn left into the campus.

From the south: Take the Southeast Expressway to exit 14. Follow Morrissey Boulevard northward to the campus.

Parking

For information about parking at UMass Boston, visit www.umb.edu and click on "Arriving & Parking," or contact the Parking Office at 617.287.5040.

Public Transportation

Free and frequent shuttlebus service is provided between the University and JFK/UMass Station on the MBTA Red Line. Buses following MBTA Routes 8 and 16 also stop at the University. For more information, call 617.287.5040.

Registration Information Line

If you have any questions about our registration process, please call 617.287.7914.

When to Register

Students can register for all summer courses starting April 2.

It is advisable to register as early as possible; early registration is the best way for students to assure themselves places in the courses of their choice.

Early registration for Session I courses is possible until May 18. After May 18, early registration for Session II courses continues until the dates indicated in the Academic Calendar (inside front cover). Late registration will take place during the periods indicated in the Academic Calendar. Late registrations submitted between the first class meeting and the add/drop deadline (see Academic Calendar) require permission of the instructor. Students registering after the early registration deadline pay a late registration fee (see page 4).

How to Register

RETURNING STUDENTS

If you are a matriculated UMass Boston student or have taken UMass Boston courses before, please use the WISER online self-service registration system:

wiser.umb.edu

NEW STUDENTS

If you are taking a UMass Boston course for the first time, you can use any of the following methods to register:

Online Registration

To register online as a new student, use our shopping cart system. For details, go to:

ccde.umb.edu/moreinfo/registration/how/

Telephone Registration

To register by telephone, call 617.287.7916 during the following hours: Monday through Thursday 8:30am-6:00pm and Friday 10:00am-4:00pm. Please fill out the registration form on page 96. Be ready to refer to it before calling.

Mail or Fax Registration

To register by mail or fax, fill out the registration form on page 100. Send it to the address indicated on the form or fax it to 617.287.7902.

Mail registrations must be postmarked by the early registration deadline for each summer session in which you enroll; see Academic Calendar for deadline dates. Registrations postmarked after early registrations end will be assessed a $25 late fee.

Walk-In Registration

Walk-in registration takes place at the CCDE Registration Center (Wheatley Hall, second floor, room 203). Office hours are Monday through Thursday, 8:30am-6:00pm and Friday, 10:00am-4:00pm, with additional extended hours, 8:30am-7:00pm on the following days: May 29-May 31 (Tu-Th), June 4-5 (M-Tu), July 16-19 (M-Th), July 23 (M).

Note: All registrations are accepted on the basis of available space.

Adding and Dropping Courses

Students may add or drop courses before the add/drop deadline (see Academic Calendar). To add or drop a course by telephone, call 617.287.7916 during the hours indicated above under "Telephone Registration." To add or drop a course in person, by mail or by fax, use a Change of Registration Form (available from the CCDE Registration Center, Wheatley Hall, second floor, room 203). If a student wishes to register for or add a course after the first class meeting, the appropriate form (Registration Form/Change of Registration Form) must be signed by the instructor(s) of the course(s) added, and returned to the Registration Center before the add/drop deadline (no signature is required when a course is being dropped). To add an online course after the first day of classes, please visit our website for instructor contact information.

Cancellations

The Division reserves the right to cancel underenrolled courses. A student who has registered for a course that is canceled is eligible for a refund (for refund policy, see page 5). If all courses for which the student has registered are canceled, service fees will also be refunded.

Course Fees

Course fees are included with course descriptions. These fees are typically calculated on a per-credit basis, as follows:

Undergraduate	$229 per credit
Graduate	$320 per credit

In some cases, such as for online courses, a course fee may be calculated differently because of special costs or a subsidy. In these cases, the fee is described as a special course fee.

Lab Fees

Lab fees must be paid for certain courses, as indicated in the schedule listings. The amounts of fees appear under course descriptions.

Service Fees

All service fees are mandatory except where otherwise noted. Service fees need only be paid once each summer.

The following fees are paid by ALL STUDENTS TAKING SUMMER CREDIT COURSES:

Registration Fee (non-refundable*)	$30.00
Educational Service Fee	$20.00

The following fees are paid by students taking on-campus courses (they do not apply to students taking only online or off-campus courses):

Student Health Fee**	$42.00
Student Activities Fee	$10.00
Student Athletics Fee	$48.00
Technology Fee	$30.00
Campus Center Fee	$30.00

The following fees are paid only by students to whom the specified conditions apply:

Records Fee (for non-matriculated students)	$6.00
Late Registration Fee (when applicable—see "When to Register," page 3) (non-refundable)	$25.00

**Unless a course has been canceled by the University, the registration fee is not refundable.*

***This fee supports the University Health Service; it is not health insurance.*

Payments

Students may use the following methods to make payment:

CHECK

Please make checks payable to "UMass Boston."

Payment of course and service fees with a check that is subsequently returned by our bank will result in an additional returned check fee of $25, and may also result in administrative withdrawal and referral to a collection agency, which may result in liability for the payment of a collection fee.

E-CHECK

Tuition and fees can be paid online by E-Check, or Automated Clearing House (ACH), from your checking or savings account. This type of payment results in an electronic debit of your bank account. ACH payments are not subject to a convenience fee. Bank information like routing number, account number, student ID number, and email address are required to complete an ACH payment.

CREDIT CARD

UMass Boston no longer accepts direct credit card payments for course and service fees. If you wish to pay with a credit card, you may do so through SallieMae®. MasterCard, Discover, or American Express cards can be used (Visa cards are not accepted). A service fee (2.5% at the time of this publication) will be charged by SallieMae® on each credit card transaction. Instructions and links for this payment method can be found at wiser.umb.edu.

CASH

Cash payments are made only at the Bursar's Office (Campus Center, 4th floor; M-Th, 8:00am-4:30pm, F 8:00am-4:00pm). After you have enrolled, you may make a cash payment at the Bursar's Office, where you will be given a receipt.

FINANCIAL AID

Students who are anticipating financial aid to pay for Summer classes must enroll for all summer classes by May 15th since eligibility cannot be determined until they enrolled. Students will also avoid a late registration charge of $25 by registering early.

PAYMENT BY OUTSIDE AGENCIES

If the student's charges are to be paid by an outside agency, a payment authorization from that agency must accompany his or her registration. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them.

Refund Policy

CREDIT COURSES

A student who drops a *credit course* will be granted a refund according to the dates listed in the Academic Calendar (inside front cover). Non-attendance does not constitute dropping a course. Students dropping a course may either file a Change of Registration/Refund Request Form at the CCDE Registration Center (Wheatley Hall, second floor, room 203) or drop the course online at wiser.umb.edu.

Note: *International and field study programs* have a different refund policy. For details, call 617.287.7913.

NON-CREDIT PROGRAMS

Refunds will be granted to registered students who withdraw from non-credit programs on the following basis:

Withdrawn on or before second class meeting date:	100% refund
Withdrawn on or before third class meeting date:	50% refund

No refunds will be granted after the third class meeting date.

In the case of programs that have 5 or fewer class meetings, a 100% refund will be granted for withdrawal before the first class meeting. There will be no refunds after the first class meeting.

Note: This policy does not apply to the Alcoholism/Chemical Dependency Treatment Services Program; see program description (page 92) for more information.

REFUND PROCEDURE

Whenever a refund is due, either because the student wishing the refund has dropped a course or because the University has canceled a course, the student should initiate the refund procedure by notifying the CCDE Registration Center either in person, by fax, mail, or telephone. The amount of a refund is computed on the basis of the date the refund request is received by the CCDE Registration Center (if the request is mailed, the refund is computed from the postmark date).

If a student has made a payment by credit card through SallieMae®, the refund will be returned as a credit to the cardholder's account. Unless a course has been canceled by the University, the $30 registration fee and the $25 late fee are not refundable. Lab fees are not refundable after the first lab meeting.

CCDE no longer mails refund checks to students. The Bursar's office sends an email to the student's UMB account, informing them that their check is available for pickup. Students have the option of requesting that their check be mailed; this request must be made in writing to the Bursar.

Note: If your University account has a balance, your refund will be applied to this balance until it is paid in full.

Course Fee Waiver Policy

The Division of Corporate, Continuing and Distance Education will accept course fee waivers for those persons meeting the eligibility requirements described below, providing the courses they wish to take are adequately supported by fees from paying students, and providing space is available.

Course fee waiver policies apply only at the standard rate of $229 per undergraduate credit and $320 per graduate credit. Thus, in the case of a course with extraordinary costs necessitating a higher than standard course fee, course fee waivers will be granted for only the amount of the standard course fee.

Registration fees, service fees, lab fees, and other mandatory fees must be paid in full.

Original course fee waivers must be submitted directly to Bursar's Office.

Qualified veterans are eligible for course fee waivers under the following conditions:

1 They must be matriculated in a UMass Boston degree program.
2 The course for which the waiver is being used must be a credit-bearing course.
3 To determine eligibility, veterans must present DD 214 (military discharge) to the UMass Boston Veterans Affairs Office located on the 4th floor of the Campus Center (tel. 617.287.5875).

Full-time state employees are eligible for a 50% course fee waiver upon submission of a properly completed "Certificate of Eligibility" at the time of registration.

Full-time employees of public higher education, their spouses, and their dependent children are eligible for a 50% course fee waiver upon submission of a properly completed "Certificate of Eligibility" at the time of registration. This benefit also applies to full-time employees of Essex Agricultural and Technical High School.

The Division of Corporate, Continuing and Distance Education cannot honor vouchers issued to cooperating practitioners by the state-funded programs of the University of Massachusetts at Amherst, Boston, Dartmouth, Lowell, or Worcester.

This benefit is provided only to individual state employees and other eligible persons as noted above. In the case of a state department or agency cosponsoring education for its employees, the department is directly responsible to UMass Boston for the full cost of the program.

Waivers may not be used for Music 185 (Private Music Lessons; see page 31) and other special courses.

Please Note: Due to changes in University policy, the Division of Corporate, Continuing and Distance Education no longer grants waivers to senior citizens.

Eligibility for Enrollment

UNDERGRADUATE COURSES

UMass Boston undergraduate credit courses are open to: 1) students who may be considering matriculation into a degree program at UMass Boston or elsewhere; 2) students matriculated at other institutions who will use UMass Boston credits to meet degree requirements at their home institutions; and 3) matriculated UMass Boston students. Anyone who has graduated from high school or who has earned a high school equivalency certificate is invited to begin or continue taking courses at UMass Boston. Please see the regulations below governing academic retention standards for matriculated and non-matriculated students.

Before registering for undergraduate courses, you should know that the University assumes that students registering for these courses will accurately assess their ability to do college-level work.

SPECIFIC CLA/CSM REQUIREMENTS

The College of Liberal Arts (CLA) and College of Science and Mathematics (CSM) recently revised the General Education portions of their graduation requirements. For complete information on these changes, we recommend that you consult the UMass Boston Spring 2007 Schedule of Courses. Information on CLA/CSM requirements is also available at www.umb.edu/academics/cla/gened.html.

Many courses described in this publication fulfill CLA and CSM *distribution requirements*, as indicated by a note following the course description that refers to the "Distribution Area"to which the course belongs. Although they are open to non-matriculated students, all of these courses meet specific requirements for CLA and CSM matriculated students. To be sure of taking distribution courses that will meet their degree requirements, all CLA and CSM matriculated students should, before registering, pick up advising materials concerning distribution requirements from the University Advising Center (Campus Center, 1st floor, room 1100; 617.287.5500).

Please note that distribution requirements for students who have matriculated in or after fall 2002 are different than for those who matriculated earlier. The older and newer requirements are referred to in course listings as "Distribution I" and "Distribution II," respectively. For more information, see the University's Spring 2007 Schedule of Courses booklet.

Courses whose numbers are followed by "G" are First-Year or Intermediate Seminars that count towards the *critical analysis requirement* of the CLA/CSM General Education curriculum.

Materials concerning the CLA/CSM *writing proficiency requirement* are available from the Core Curriculum Office (CC-2-2100; 617.287.6330).

Courses that meet the CLA/CSM *diversity requirement* are identified in a note following the course description.

GRADUATE COURSES

Before registering for graduate courses, you should know that students who have not formally been admitted into UMass Boston graduate programs may enroll in graduate courses offered through CCDE, providing they hold a bachelor's degree and meet course prerequisites. Up to six credits earned in courses taken before admission to a graduate degree or certificate program may be counted toward the requirements for that program, with the permission of the program director; however, completion of these courses does not imply admission to the program. Some courses require permission from the appropriate graduate program director(s); this is indicated in the individual course listings. If you need permission to enroll, you can learn what procedure to follow by calling the appropriate program office at one of the numbers listed below.

Applied Linguistics	617.287.5760
Applied Sociology	617.287.6252
Business Administration	617.287.7720
Computer Science	617.287.6440
Counseling	617.287.7617 or 7600
Critical and Creative Thinking	617.287.6520
Dispute Resolution	617.287.7421
Instructional Design	617.287.5980 or 7600
Public Affairs	617.287.5543
School Psychology	617.287.7602 or 7600
Special Education	617.287.7620 or 7600
Teacher Education	617.287.7625 or 7600

Prerequisites and Permission

It is the responsibility of students to meet course prerequisites. If you have any questions about whether you have met a prerequisite, you should contact the appropriate academic department or program.

Certain courses, as their descriptions indicate, cannot be taken without special permission. If you need such permission, you can learn what procedure to follow by calling the CCDE Registration Information line at 617.287.7914. Be sure that the appropriate initials appear in the "Faculty Initials" column on your registration form.

Diagnostic Testing

Diagnostic tests for English and mathematics courses are held in the Testing Center (Campus Center, Upper Level, room 133). The diagnostic test in English is required only for non-native speakers. For current schedule information, visit www.uac.umb.edu.

Each test takes approximately one hour to complete. Results can be obtained two hours from the time one finishes testing. A photo ID is necessary to receive results. There is no fee for testing and no appointments are necessary. Calculators, books or notes are not allowed. We do not have practice exams; however, sample questions can be found at www.uac.umb.edu. For further information, please call 617.287.5522.

Advising

Academic advising is available during the day or evening, by appointment, at the CCDE Office. For more information, call Reca Quarles at 617.287.7900.

Auditing

The auditing of certain courses may be possible with the permission of the instructor. The auditing fee is the same as the course fee. Permission to audit a course will be granted by the instructor on a space-available basis. Instructor approval may be obtained only during the first class session. A completed audit application must accompany a student's registration form; in such cases, the late registration fee will be waived. Students may not change their registration from credit to audit or from audit to credit. Inquiries concerning the auditing of courses should be directed to the Division of Corporate, Continuing, and Distance Education Office, 617.287.7914.

Independent Study

Only matriculated UMass Boston students may register for Independent Study.

With the approval of the department and the satisfaction of any departmental prerequisite(s), students can register for independent study through the Division of Corporate, Continuing and Distance Education at normal CCDE course fees.

Internships and Cooperative Education

The College of Management and the departments of Political Science and Sociology offer credit for internships and cooperative education sections during the summer. Only matriculated UMass Boston students may register, and each department has its own requirements. For further information, contact:

College of Management: Career Resources Center, 617.287.7712

Political Science: Prof. Paul Watanabe, 617.287.5652

Sociology: Prof. Ed Stern, 617.287.6250 (internships only)

Grades

Grades reported by instructors are listed below, with numerical values indicated for grades A through F.

A	4.0
A–	3.75
B+	3.25
B	3.0
B–	2.75
C+	2.25
C	2.0
C–	1.75
D+	1.25
D	1.0
D–	0.75
F	0.0
P	Pass (in a pass/fail course)
Inc	Incomplete
Y	Interim grade in a declared year-long course
W	Withdrew
NA	Did not attend

Instructors may report a grade of "Inc" if personal circumstances of extreme difficulty, such as serious illness, have kept a student from completing a portion of his or her required class work or from taking a final examination, or if an Incomplete is warranted for scholarly reasons. If a student's record is such that he or she would fail a course regardless of the quality of work yet to be done, an "F" will be reported.

A student can obtain credit for an Incomplete taken in the summer term only by finishing the work of the course by the end of the following summer term. If the work is not completed by this time, the grade will be changed to an "F." The initiative for removal of the Incomplete grade rests with the student.

An incomplete on a final grade report is not represented in the student's temporary grade point average. When the incomplete is later converted to a grade, the average is calculated again and the student is notified.

Once a grade is submitted, it cannot be changed except by approval of the department chairperson.

Non-attendance does not constitute withdrawal.

Pass/Fail Option

Many courses may be taken on a pass/fail basis. It is the student's responsibility to decide whether doing so is appropriate for a particular course. When the student earns a Pass (P) grade, units for the course count as graduation units, but the grade has no bearing on the student's cumulative average. A Fail (F) grade affects the student's cumulative average as a regular "F" would.

The pass/fail option is limited to one course per semester and one course per summer. UMass Boston students may use the pass/fail option for a maximum of eight courses during their undergraduate careers. Graduate students may not take courses on a pass/fail basis. A course exceeding five units cannot be taken pass/fail.

A student wishing to take a course on a pass/fail basis must fill out a pass/fail form by the deadline for that session (see Academic Calendar, inside front cover) or use the University's WISER student self-service system (details on using the system will be provided to all newly registered students). Pass/fail forms are available at the CCDE Registration Center (Wheatley Hall, second floor, room 203). Students are advised to retain their copy of the pass/fail form.

Any student submitting two pass/fail forms in one semester will not be allowed to take either course on a pass/fail basis. A pass/fail form, once submitted, cannot be withdrawn after the pass/fail deadline (see Academic Calendar, inside front cover).

Before exercising the pass/fail option, students from other institutions should consult an advisor or check their institutional or departmental requirements concerning transfer credit.

Academic Standing

Students must maintain a required 2.00 cumulative average.

Academic Warning. A student whose semester average falls below 2.00 but whose cumulative average still meets the required minimum receives a warning posted in an obvious place on the online degree audit system to put the student on notice.

Academic Probation. At the end of the first semester in which a student does not meet the required minimum cumulative average of 2.0, he or she is placed on probation. A letter is sent informing the student of his or her probationary status and strongly urging consultation with the student's advisor to review the forthcoming semester's program. While on academic probation, a student shall not be eligible to hold office in any recognized student organization, to represent the University in any sense, or to participate on any intercollegiate athletic team.

Academic Suspension. The student who does not meet the required minimum cumulative average for the second consecutive semester is suspended for one semester. The student must apply for readmission through the appropriate authority. The readmitting body may set conditions on the student's schedule, and shall set standards for retention. A student who has received a semester average of at least 2.0 for the semester immediately preceding suspension may appeal for an additional probationary period. The appeal authority may set conditions for granting the appeal. If the student does not meet the conditions, suspension will automatically follow.

Academic Dismissal. A student who, subsequent to suspension and readmission, does not meet the retention standards set by the readmitting body shall be dismissed. A student who has been dismissed may appeal for readmission after one year.

A student who has been dismissed or suspended may not register.

Withdrawing from Courses

Any student withdrawing from a course after the add/drop deadline will receive a grade of "W" for that course. Withdrawal forms are available at the CCDE Registration Center at the UMass Boston campus (Wheatley Hall, second floor, room 203); students may also withdraw from a course using the WISER student self-service system (wiser.umb.edu). A student withdrawing from a course does not receive a refund. Failure to submit a withdrawal form before 4:00pm on the day of the withdrawal period deadline (see Academic Calendar, inside front cover) will result in a grade of "F". Non-attendance does not constitute withdrawal.

Transcripts

Requests for official transcripts must be submitted in writing to the Office of the Registrar, University of Massachusetts, 100 Morrissey Blvd, Boston, MA 02125. Students may present their written requests in person at the One Stop, Upper Level Campus Center, by fax at 617.287.6242, by mail, or by using the WISER system (www.wiser.umb.edu).

Transfer Credit

Students from institutions other than UMass Boston (including other institutions in the University of Massachusetts system) who wish to transfer credits earned in CCDE credit courses should contact their college or university concerning specific transfer requirements.

UMass Boston units are treated as transfer credits at UMass Amherst. Students must earn a grade of "C-" or better to transfer the course. Letter grades earned at UMass Boston will not be used in grade point average calculations and the credit will not be counted as residence credit.

Most institutions require a student to obtain authorization in advance for each CCDE credit course in which the student wishes to enroll for transfer credit.

Interested in a UMass Boston degree?

At UMass Boston, the opportunities for learning are almost limitless, and so are the opportunities for an exciting and rewarding future. If you're considering a UMass Boston degree, here's how to find out more.

COME TO AN UNDERGRADUATE INFORMATION SESSION.

At one of these hour-long sessions, you can learn about our academic programs and other resources, student life, financial aid, and the admission process. We'll do our best to answer your questions and give you a sense of how UMass Boston can work for you. There are daytime and evening sessions, and sessions particularly for persons thinking of transferring or returning to school as adults. You can also take a guided campus tour. For more information, including the information session and tour schedules, call 617.287.6000.

COME TO A GRADUATE OPEN HOUSE.

At one of our open houses, you can meet graduate program directors and faculty members, and talk with them about courses and research opportunities, areas of faculty expertise, assistantships, facilities, degree requirements, and any other aspect of graduate study at UMass Boston you want to know about. For more information, call 617.287.6000.

GET IN TOUCH BY PHONE OR EMAIL.

We'll send undergraduate or graduate information and application materials, and we'll do our best to answer any questions you may have about attending UMass Boston. The phone number to use is 617.287.6000 (TTY/TDD for the hearing-impaired: 617.287.6010). You can also email us at enrollment.information@umb.edu.

VISIT OUR WEB SITE.

To learn more about our over 90 areas of study on the bachelor's, master's, and doctoral levels, as well as our professional development and certificate programs, visit us at www.umb.edu.

SEND US THIS COUPON.

We'll be glad to respond. Return the coupon to: The Admissions Information Service, University of Massachusetts Boston, 100 Morrissey Boulevard, Boston, MA 02125-3393

Name _____

Number and street _____

City, state, zip _____

Birthdate M/D/Y (for coding only) _____ Telephone _____ Gender (M or F) _____

Program of particular interest (please indicate whether graduate or undergraduate) _____

PLEASE NOTE!

If you're interested in joining us as a degree-seeking undergraduate student in Fall 2007, call us right away! Space in some programs may still be available. The number to use is 617.287.6000.

Following are some of the offices, services, and activities available on the UMass Boston campus during summer sessions. Many of these services are supported by the Student Health, Activities and Athletics fees (see page 4).

NOTE: Hours and policies are subject to change.

Student Email

All students receive a default email account. This is the email address through which the university will convey important notices and messages, so it is important that you understand how to use your account. For complete information, visit www.umb.edu/it/cis/email.

Summer Student ID Cards

ID cards are required for the use of such facilities as libraries and the Clark Athletic Center. They may be obtained at the Boston Campus through the Student Life Office (Campus Center, 3rd floor) Monday through Friday, 9:00am-5:00pm.

Students must present a valid driver's license, passport, or other official form of photo identification when requesting ID cards. Those students who do not possess a valid form of photo identification can call the ID office at 617.287.7957 to get a list of acceptable alternate forms of identification. The charge is $10.00 (cash or money order; no personal checks). Current UMass Boston students taking summer courses need only present their ID card at the office to obtain a summer validation sticker.

Public Safety

The UMass Boston Public Safety Department is charged with the responsibility of helping to provide a safe and secure environment in which faculty, students, and staff will be able to teach, learn, and work. The Department's Administrative Office and Communications Center are located on the Plaza Level of the Quinn Administration Building. The main number for the Public Safety Office is 617.287.7799. Routine service requests for police and security services can be made on 617.287.7799, 7.7780, and 7.7781. For all emergencies on campus, dial 911.

Bookstore

Campus Center, UL (Upper Level), 617.287.5090; M-Th 8:30am-6:30pm; F 8:30am-4:30pm.

Extended summer hours: May 29-31, Tuesday through Thursday, 8:30am-7:30pm; June 1, Friday, 8:30am-4:30pm; July 2, Monday, 8:30am-7:30pm; July 16-19, Monday through Thursday, 8:30am-7:30pm; July 20, Friday, 8:30am-4:30pm.

Students can refer to umb.bkstr.com for additional information.

Library

The Joseph P. Healey Library contains approximately 500,000 volumes and currently subscribes to more than 3,700 popular and scholarly periodicals. The library is centrally located on the Boston Campus plaza, easily accessible from the catwalk that connects all buildings on campus.

The Healey Library's summer hours are as follows: Monday through Thursday, 8:00am-9:00pm; Friday, 8:00am-5:00pm; Saturday 9:00am-5:00pm; Sunday, closed. These hours may vary during holidays, intersessions, and vacations; for current hours, please call 617.287.5903. For further library information, call 617.287.5902 or visit www.lib.umb.edu.

Academic Advising and Career Counseling

University Advising Center, Campus Center, 1st floor, 617.287.5500. M-F, 8:30am-5:00pm; evening hours by arrangement.

Tutorial Services

Office of Academic Support Programs, Campus Center, 1st floor, 617.287.6550 M-F 9:00am-5:00pm; scheduled group tutoring sessions or tutoring by individual appointment.

Financial Aid Services

Campus Center, 4th floor, 617.287.6300; M-Th 8:30am-5:00pm; F 10:00am-4:00pm.

The Financial Aid Services Office provides assistance in the processing of grants, scholarships, loans, and College Work-Study awards. It is also responsible for the coordination of all student employment on campus.

Student loans for the summer session are available to all UMass Boston students enrolled during the spring in an eligible degree or certificate program. Students should call or visit the Financial Aid Services Office in April for further details. All other students should explore aid possibilities with the financial aid offices at their own institutions.

Educational benefits offered through the Veterans Administration may be used during the summer session. Veterans should contact the Office of Veterans Affairs to determine their eligibility.

Housing Referral Service

The University's Housing Referral Service helps prospective and currently enrolled UMass Boston students, and other members of the University community, find places to live. The service, which operates free of charge, maintains listings of Boston-area rooms, apartments, and houses for rent, and listings of students looking for roommates. For more information, call 617.287.6011 or visit our office, located in the Campus Center, 4th floor, Monday-Thursday, 9:00am-5:00pm and Friday, 10:00am-4:00pm.

Child Care Center

270 Mount Vernon Street (Harbor Point), 617.287.6195, M-F 7:30am-5:30pm

If space allows, child care is available to summer students at UMass Boston. The child care program is operated by trained personnel; a subsidized fee scale determines charges. Children between the ages of 15 months and 6 years are eligible.

Veterans Services

Student Administrative Services Center, Campus Center, Upper Level; M-F 8:30am-5:00pm

Assistance is available to veterans in obtaining their educational benefits and resolving related problems.

Health Service

The University Health Services offers outpatient medical care, counseling, health education, and mental health programs for all enrolled students. The department of General Medicine provides episodic walk-in care, physicals, gynecological care, contraception, travel medicine, and on site routine laboratory testing including HIV testing. Specialty services provided by on-site physicians include dermatology, sports medicine/orthopedics, internal medicine and endocrinology which are available by appointment. The Counseling Center provides personal growth counseling and crisis intervention as well as information, consultation and referral, and walk-in emergency services. The Health Education & Wellness Center offers programs on Time and Stress Management, smoking cessation, alcohol and drug information, sexuality and sexual health education and nutrition and fitness programs.

GENERAL MEDICINE

Quinn Administration Building, second floor, room 040, 617.287.5660
Summer session hours: M-F 8:30am-5:00pm

COUNSELING CENTER

Quinn Administration Building, second floor, room 042
Summer session hours to be announced

HEALTH EDUCATION & WELLNESS CENTER

Campus Center, second floor, room 2107, 617.287.5685
Summer session hours: M-Th 8:30am-5:00pm, F 8:30am-4:00pm

Computer Labs

The Central Computer Center facilities, which include a VAX terminal room, IBM-PC labs, and Macintosh labs, are located on the Upper Level of Healey Library. The facilities are open to summer students who present a valid summer session ID card and proof of summer registration. During the summer session, the facilities are open Monday-Thursday, 8:00am-9:00pm, and Friday, 8:00am-5:00pm. For more information, please call the Computing Services Help Desk at 617.287.5220.

Adaptive Computer Lab

Healey Library, Lower Level, room 019, 617.287.5227; M-Th 8:00am-9:00pm; F 8:00am-5:00pm.

The Adaptive Computer Lab provides computer access for students, faculty, and staff with disabilities.

Ross Center for Disability Services

Campus Center, 2nd floor, 617.287.7430; www.rosscenter.umb.edu; M-F 8:30am-5:00pm; other hours by arrangement.

The Lillian Semper Ross Center for Disability Services provides a full range of support services including: note taking, reading on tape, interpreting for students who are deaf, administering exams with accommodation to disability, counseling, and more. All students with disabilities and the entire University community are welcome to visit and inquire about our many services and resources.

Athletics

Catherine Forbes Clark Athletic and Recreation Center, 617.287.7800, M-F 9:00am-5:00pm (swimming hours change monthly)

Beacon Fitness Center, 617.287.6786, McCormack Hall, first floor; M-F 6:00am-8:00pm, S 9:00am-1:00pm

The Clark Center houses a swimming pool, a gymnasium, and combative and creative areas. The Beacon Center on the first floor of McCormack Hall includes Nautilus and free weights, an aerobics area, cardiovascular machines, and squash and racquetball courts. An athletic field, eight tennis courts, and a softball field are available for student use. Organized activities are listed in a schedule available at the Athletics Office on the first floor of the Clark Center. Note: a current, valid UMass Boston ID is required for entrance to all University athletic facilities.

Sailing Program

Sailing instruction is offered from April 15 through October 15. Appropriate certification is awarded according to the level of proficiency achieved. Fourteen Mercury sailboats, five Lasers, and eight rowing dories are available at the sailing dock, which is next to the pump house, near the Healey Library.

For hours and further information, please call 617.287.7833.

Urban Harbors Institute Programs

The Urban Harbors Institute offers lecture series, harbor cruises, marine safety classes and internships. For information, call 617.287.5568.

Joiner Center Summer Programs

The William F. Joiner Center for the Study of War and Social Consequences offers two annual summer programs: The Vietnam Institute (June 24-26) for high school teachers teaching about the Vietnam War, and the Writers' Workshop (June 16-27), which involves two weeks of working sessions and individual consultations with distinguished writers. For information on the Vietnam Institute, contact Paul Atwood (617.287.5850); for information on the Writers' Workshop, contact T. Michael Sullivan or Patrick McCormack (617.287.5850; email patrick.mccormack@umb.edu). Information about these programs is also available on the Web at omega.cc.umb.edu/~joiner.

Student Life Office

The Student Life Office presents a variety of social and cultural summer programs. Past events have included cookouts, tickets to whale watching trips, movie passes, and museum tickets. For a complete and current listing of events please visit the Student Life Office, Campus Center, 3rd floor, 617.287.7950, Monday through Friday, 9:00am-5:00pm.

Harbor Art Gallery

This student-run gallery exhibits professional and student work. It is located on the first floor of McCormack Hall.

Mass Media

The student-run newspaper is published every other Tuesday during the summer. It is available at various stands around campus. For more information, call 617.287.7990.

WUMB

UMass Boston's radio station operates at 91.9 on the FM dial and features a varied format of music and public affairs programming. For more information, call 617.287.6900.

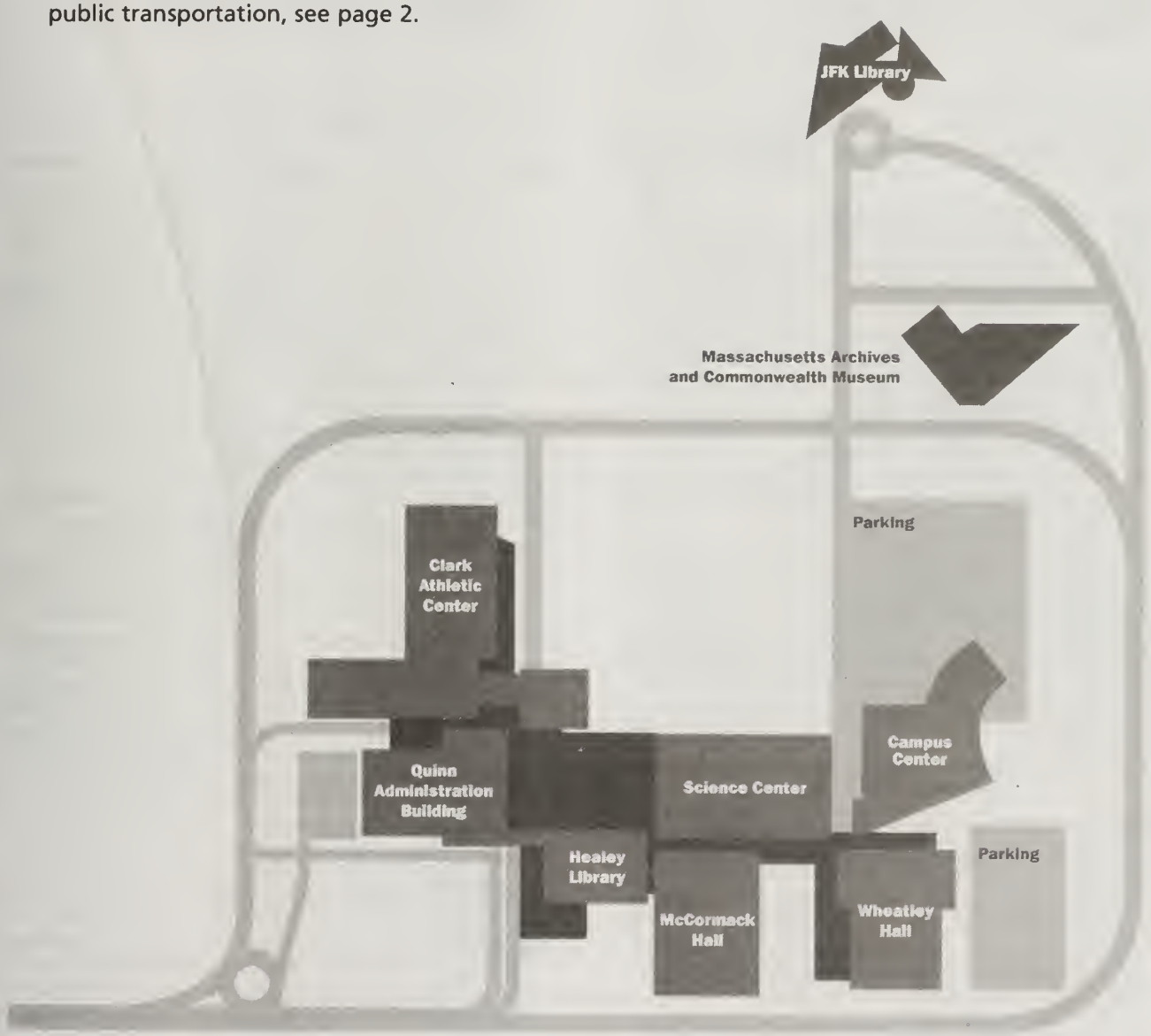
Recreation

Video games and pool tables are available in the recreation room located in the Upper Level of the Campus Center.

Cafeterias

The Campus Center features cafeterias on the 1st floor and Upper Level. There is also a student-run coffeehouse, the Wits' End, on the third floor of the Wheatley Building.

For directions to the campus, along with information on parking and public transportation, see page 2.



July, 2006

IF YOU HAVE QUESTIONS...
...about your eligibility to enroll in UMass Boston summer courses, turn to page 6, "Academic Information."

UNDERGRADUATE COURSES: College of Liberal Arts

Africana Studies

SUMMER INSTITUTE: HAITIAN CREOLE LANGUAGE & CULTURE
See page 80.

INTRODUCTION TO AFRICANA STUDIES **AFRSTY 101**
This course presents an overview of the major theories in the field of Africana studies. It seeks to explore the Africana experience in a way that is orderly, systematic, and structurally integrated; and to convey an understanding of the cultural, historical, and political roots of this experience. The course focuses chronologically on major historical episodes through a study of ancient African civilizations, slavery, colonialism, and African liberation movements.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: World Culture.
Diversity Area: International.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
W-1-019, Staff, Class No 1751

THE HISTORY OF AFRICAN-AMERICAN EDUCATION **AFRSTY 102**
A comparative study of the history of African-American education from earliest times to 1954.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
W-1-019, Staff, Class No 2084

AFRICAN-AMERICAN HISTORY I **AFRSTY 110**
An intensive study of the social, economic, and political history of African-Americans from the slavery period through the Civil War, with particular emphasis on the social and cultural antecedents of African-Americans, Abolitionism and the Civil War.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 10:00am-1:00pm
W-1-060, Staff, Class No 2086

THE CIVIL RIGHTS MOVEMENT **AFRSTY 250**
This course examines the American civil rights movement as it developed during the period from 1954 to 1965, and as it changed during the period from 1966 to 1986. The course assesses the roles played by individuals, movements, governments, and political leaders in the process of social change.
Distribution I Area: Historical and Cultural Studies.
3 Credits, Course fee: $687

EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-052, Staff, Class No 2087

RACE AND THE AMERICAN LEGAL SYSTEM **AFRSTY 430**
This course focuses on the historical relationship between race and the American legal system. It examines the social forces and events that precipitated major court decisions and legislative enactments from slavery to the present.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
W-1-029, A. Neal, Class No 2085

American Studies

POPULAR CULTURE IN AMERICA **AMST 101**
This course introduces students to the varieties of popular culture in America, including popular literature, live entertainment, radio, movies, and television. In-depth case studies of such particular forms of popular culture as humor and music are included. In class viewing and listening accompany case studies.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
W-1-056, A. Lecklider, Class No 1421

THE THIRTIES **AMST 203**
A study of American society and culture during the years from the Panic of 1929 to the attack on Pearl Harbor in December, 1941 using several kinds of evidence: the accounts of people who lived during the decade, the interpretations of historians, and the representations of artists, writers, and filmmakers. The objective of the course is to develop an idea of the main characteristics of American society and culture during the 1930s, a conception of the decade's significance, and an increased understanding of the processes of historical and cultural analysis and interpretation.
Prerequisite: ENGL 102.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
W-2-126, A. Lecklider, Class No 1752

THE FIFTIES **AMST 205**
This course covers the period from the end of World War II in 1945 to President John F Kennedy's inauguration in 1961, focusing on the social, political, economic, and cultural trends of the era. Topics include the Cold War, the atomic age, McCarthyism, the early civil rights movements, the Fifties family, rock 'n' roll, the Golden Age of television, automobile culture and the growth of the suburbs, and the Beat movement.
Prerequisite: ENGL 102.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE6
July 16-Aug 22, MW 10:00am-1:00pm
W-1-010, F. Danker, Class No 1753

THE SIXTIES **AMST 206**

The course focuses on protest and the role of youth. Who protested and why? Was the phenomenon of the sixties an aberration or part of a larger radical tradition in America? What was the impact on the seventies? Readings are drawn from the works of participants in the student, black, feminist, and peace protest movements, from the intellectuals who defended and attacked them, and from the growing body of retrospective, analytic, and historical literature which attempts to explain what really happened in that tumultuous decade.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
Diversity Area: United States.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
W-2-126, P. Atwood, Class No 1422

AMERICAN DREAMS/AMERICAN REALITIES: MEN AND WOMEN IN SOCIETY AND CULTURE 1600-1860 **AMST 210**

Documents, diaries, letters, essays, fiction, and art, along with secondary historical and anthropological sources, are used to compare the dreams and realities of men's and women's lives in America from the first contact between European explorers and native Americans up through the Age of Reform (1830-1860). Topics include visions of landscape and nature; contrasting cultures of Indians and Anglo-Americans; family and "women's place"; slavery; working class organization; and women's rights.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
Diversity Area: United States.
3 Credits, Course fee: $687

EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-051, J. Hess, Class No 1756

THE UNITED STATES IN THE EIGHTIES **AMST 212G**

This course examines the politics and experiences of President Reagan's "morning in America," including family life, work, and organized labor; changes in the pattern of wealth and poverty; the enlargement of the role of the media in culture and politics; and US interventions in Central America and elsewhere. The course may be counted toward the American studies major or minor. Capabilities addressed: Critical reading, critical thinking, clear writing, academic self assessment, collaborative learning, information technology.
Prerequisites: ENGL 102 and a minimum of 30 credits.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
W-1-057, P. Chassler, Class No 1420

AMERICA ON FILM **AMST 215**

This course focuses on the flowering of American cinema through decades of social, political, and cultural change. It examines both classic representations of "The American Experience" and films which challenge such classic representations. The relations between film and other arts, and between film, history, and ideology, are an ongoing concern.
Prerequisite: ENGL 102.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: The Arts.
Diversity Area: United States.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
W-1-060, R. Goff, Class No 1423

ASIANS IN THE UNITED STATES **AMST 223L**

This multidisciplinary course examines the social, historical, and structural contexts defining the Asian-American experience from 1850 to the present. Topics include immigration, labor, community settlement, ethnicity, stereotypes, and race relations.
Prerequisite: ENGL 102.
Distribution I Area: Historical and Cultural Studies.
Diversity Area: United States.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
W-2-127, Staff, Class No 2095

SOUTHEAST ASIANS IN THE UNITED STATES **AMST 225L**

This course examines issues arising from the resettlement of one million Vietnamese, Cambodian, and Laotian refugees in the US since 1975. Topics include resettlement policies, adjustment and acculturation, changing roles of women and family, and the continuing impact of international politics. Media presentations and lectures by local Southeast Asian community leaders highlight the course.
Distribution I Area: Historical and Cultural Studies.
Diversity Area: United States.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-4:30pm
W-1-019, S. Tang, Class No 1755

TELEVISION IN AMERICAN LIFE **AMST 310**

The American experience with television and its cultural, political, and economic implications. Topics include technological innovation, entrepreneurship, the changing cultural content of "prime-time" programming, and public broadcasting cable system capabilities.
Prerequisite: a minimum of 30 credits or permission of instructor.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-4:30pm
W-1-043, K. Lindsey, Class No 1424

WORK, SOCIETY, AND CULTURE IN MODERN AMERICA — AMST 360

This course has a double focus: the history of work in the modern US, and the cultural representations (fiction, movies, television, music, and others) that people have made of their working lives. All manner of work - from domestic service to farm labor - is considered. Above all, this course examines how work functions as a "way of life" in American cultural history.

Prerequisite: a minimum of 30 credits or permission of instructor.

3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
W-1-048, P. Chassler, Class No 2089

AMERICAN WOMEN WRITERS AND AMERICAN CULTURE — AMST 372L

This course examines the significant contributions that women writers have made to the creation and development of an American national literature and culture. Points of emphasis include studying representative writers from different historical periods; examining the structures, forms, themes, concerns, and cultural contexts of individual works; and examining the relation of women's writing to American culture.

Prerequisite: a minimum of 30 credits or permission of instructor.

Diversity Area: United States.

3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
W-2-124, J. Medoff, Class No 1754

BEST SELLERS IN AMERICAN SOCIETY — AMST 375

"Best sellers" have shaped American views of science and nature; molded American business behavior; affected Americans' notions of the past and their expectations of the future; and shaped public perceptions of gender, class, race, and ethnicity. In this course, we will read popular works, both fiction and nonfiction, published over the past century and a half and discuss the ways in which these books have influenced our images of our society and ourselves. The best sellers we will examine are those which were extremely popular with large sections of the public and/or influential in changing public opinion on major social issues. Readings for the course include Uncle Tom's Cabin, Gone with the Wind, The Power of Positive Thinking, Silent Spring, The Feminine Mystique, and the novels of Stephen King.

Prerequisite: a minimum of 30 credits or permission of instructor.

Distribution II Area: Humanities.

Diversity Area: United States.

3 Credits, Course fee: $687

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
W-1-051, P. Raub, Class No 1425

THE KENNEDYS OF BOSTON — AMST 380

This course provides a background on the Kennedys and their times. It analyzes some of the political and cultural processes of which the Kennedys were a part, and in particular traces the rise of the Kennedy family in the context of the Boston Irish. Audio-visual material is used where appropriate to examine the role played by the media, that is, print, film, and television, then and now, in forming popular images of the Kennedy family.

Prerequisite: a minimum of 30 credits or permission of instructor.

3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
W-1-010, F. Danker, Class No 2290

Anthropology

INTERNATIONAL PROGRAM
See Page 74

FIELD SCHOOL IN PREHISTORIC ARCHAEOLOGY IN BELIZE

This six-credit program (ANTH 485/585) takes students to Central America to explore Mayan archaeology.

INTERNATIONAL PROGRAM
See Page 74

CARIBBEAN STUDIES SUMMER INSTITUTE: HISTORY, CULTURE & SOCIETY, PUERTO RICO AND THE VIRGIN ISLANDS

This five-week, six-credit program ANTH 274/478; SOCIOL 274/478) offers an interdisciplinary approach to the study of Puerto Rican and Caribbean society and culture.

FIELD STUDY
See Page 77

FIELD SCHOOL IN ARCHAEOLOGY IN MASSACHUSETTS

This 6-to-8-credit program (ANTH 485/585) based at Hassanamessitt Woods in Grafton, MA can be taken for either undergraduate or graduate credit

FIELD STUDY
See Page 77

FIELD SCHOOL IN ARCHAEOLOGY IN CONNECTICUT

This six-credit program (ANTH 485/585) based at the Eastern Pequot Reservation in North Stonington, CT can be taken for undergaduate or graduate credit.

INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY — ANTH 105

The study of human biological evolution and human population variation. This course introduces the history, theory, and methods of research in biological anthropology through lectures and hands-on exercises. Major topics include: geological time, classification, and the place of humans in the animal world; evidence for primate and human evolution; evolutionary theory and genetics; and discussion of the evolutionary forces involved in producing human population variation. This course addresses, in assignments and during class time, the following general education capabilities: critical thinking; using technology to further learning; quantitative reasoning; collaborative work; and effective communication.
Note: Students who have taken ANTH 102 may not receive credit for ANTH 105.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 10:00am-1:00pm
M-2-616, B. Worley, Class No 1428

INTRODUCTION TO CULTURAL ANTHROPOLOGY — ANTH 106

An introduction to the anthropological study of cultures, based on ethnographic descriptions and analyses of tribal, developing, and modern state societies. The course explores a variety of concepts and approaches to the study of culture, and participants acquire experience in critical reading, critical thinking, and analytic writing.
Note: Students who have taken ANTH 103 may not receive credit for ANTH 106.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
M-1-420, R. Fazell, Class No 1429

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
M-1-614, A. Waters, Class No 1430

INTRODUCTION TO ARCHAEOLOGY — ANTH 107

The study of the past through scientific analysis of the traces left behind by humans. This course introduces the history, theory, and methods of archaeological research through lectures and hands-on projects. Archaeological data are then used to examine such major transformations of human cultural evolution as the domestication of plants and animals and the origins of complex civilizations. Students prepare a paper suitable for the Writing Proficiency Requirement Portfolio.
Note: Students who have taken ANTH 102 may not receive credit for ANTH 107.
Distribution I Area: Natural Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $850

ONLINE COURSE

ONLINE, SESSION CE2
May 29-July 12
B. Worley, Class No 1765

CONTROVERSIES IN ANTHROPOLOGY — ANTH 221G

This course focuses on two current controversies in anthropology in order to understand how controversies develop, how to evaluate various positions in a controversy, and the grounds for taking a stand in a controversy. It also introduces some basic concepts and methods of anthropological research. The course may be counted toward the anthropology major. Capabilities addressed: Critical reading, critical thinking, clear writing, collaborative learning, information technology, oral presentation.
Prerequisites: ANTH 102 and a minimum of 30 credits.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
M-2-423, A. Waters, Class No 1426

AFRO-CARIBBEAN RELIGIONS — ANTH 223G

The purpose of this course is to examine several of the better known Afro-Caribbean religious movements that have played a major role in the modern history of the Caribbean region. Historical influences from Europe, Africa and the Americas will be addressed. The course provides an introduction to the anthropological study of religion and to the field of Caribbean studies. Capabilities addressed: Critical reading, critical thinking, clear writing, information technology.
Prerequisites: ANTH 102 and a minimum of 30 credits.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
M-2-621, A. Waters, Class No 1427

ANTHROPOLOGY ON FILM — ANTH 260

This course explores how we depict and socially construct "others" through filmic media, including photography, cinema, and the Internet. Filmic technologies are emergent worlds integral to post-modern knowledges: they mediate and shape our perception of the world. In this course you will review the basic principles of anthropology, study the theory and history of cinema and photography in anthropology, and create ethnographic studies of your own in various filmic media: photography, power point slide shows, and cinegraphic film (optional). There are four parts to the course: reading, discussion, individual field work, and several first-hand ethnographic studies through filmic expository on particular cultural groups of your choice. The course grade is based on discussions and presentations of ethnographic field work through filmic media.
Distribution I Area: Historical and Cultural Studies.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-4:30pm
M-2-616, B. Worley, Class No 1762

PEOPLES AND CULTURES OF THE MIDDLE EAST — ANTH 271

An examination of historical and sociopolitical forces in the formation of the contemporary Middle East; the cultural, ethnic, and economic diversity of modern nation-states in this region; neo-colonialism and imperialism as persisting obstacles to development and progress in this part of the world; and the role of Islam in reformist and revolutionary movements.

Distribution I Area: Historical and Cultural Studies.
Diversity Area: International.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 30-July 11, MW 10:00am-1:00pm
M-1-420, R. Fazell, Class No 1431

SOCIAL AND CULTURAL PERSPECTIVES ON WITCHCRAFT AND SORCERY — ANTH 367

Beliefs about people with extraordinary powers to cause harm or good are found in societies of different types and in different periods in history. This course examines such beliefs in a number of different cultural, geographical, and historical contexts in order to demonstrate ways in which anthropologists and other social scientists approach the more general problem of understanding the function of belief systems in human society. The course does not teach techniques of witchcraft or sorcery.

Prerequisites: ANTH C100, or 103, or 106 or permission of instructor.
3 Credits, Special course fee: $850

ONLINE COURSE

ONLINE, SESSION CE2
May 29-July 12
B. Worley, Class No 1432

ANTHROPOLOGY OF DEATH — ANTH 372

Although human mortality occurs in all societies, it is understood and defined differently within various settings. This course examines how culture influences the way people respond to the fact of death. Key themes include: the analysis of funeral rituals; religion and art in relation to death; cultural dimensions of mourning; and the relationship between social organization and death.

Prerequisite: Sophomore standing.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
M-2-616, A. Waters, Class No 1921

Art

NANTUCKET PROGRAM See Page 77

PLEIN AIR PAINTING ON NANTUCKET

This two-week, three-credit program (ART 380) offers students the opportunity to appreciate, through painting, the land, sea, and architecture of Nantucket.

ANCIENT AND MEDIEVAL ART — ART 101

The course offers an historical survey of art and architecture of the ancient world, giving particular emphasis to Egyptian, Greek and Roman cultures. Students are also introduced to the arts in Medieval Europe, with a special focus on the Romanesque and Gothic styles.

Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
M-3-407, C. Scollans, Class No 1437

RENAISSANCE TO MODERN ART — ART 102

A historical survey of Western art and architecture from the fifteenth century to the twentieth century. The course deals with different aspects of the art of the Renaissance in Italy and the North, the Baroque and Rococo, Neoclassicism and Romanticism, Realism and Impressionism, and Post-Impressionism.

Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $687

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
M-3-430, C. Scollans, Class No 1438

SURVEY OF AMERICAN ART — ART 210

This lecture course introduces the student to the history of art in America from the 17th century through the early 20th century. American artists differ from their European counterparts as they reinterpret forms of expression to create art that is directly related to American culture, society, politics and economics. We will examine painting, sculpture, architecture and photography in the context of American life and explore the philosophical and ideological influences that define a uniquely American aesthetic sensibility. The course requirements include class museum visits, two short papers, mid term and final exams.

Distribution I Area: The Arts.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
M-3-407, C. Scollans, Class No 2248

AMERICAN ART IN BOSTON — ART 252

A historical survey of painting, sculpture, and architecture in Boston from the seventeenth to the early twentieth centuries. Emphasis is given to the principal theories and intellectual currents that shaped American art. Topics include an analysis of Puritan aesthetics, the search for an American style, eclecticism and diversity in the nineteenth century, and Boston impressionism.

Distribution I Area: The Arts.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
M-3-430, C. Scollans, Class No 2098

DRAWING I **ART 281**

A comprehensive introduction to basic materials and techniques, with emphasis on drawing as a primary means for the description and interpretation of people and their environment. Problems in still life, landscape, and life drawing. Fundamentals of visual language are also addressed.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $687, Lab fee: $20

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 9:00am-12:30pm
H-8-013, B. Walicki, Class No 1439

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-5:00pm
H-8-013, B. Walicki, Class No 1766

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-5:00pm
H-8-013, B. Walicki, Class No 1440

PHOTOGRAPHY I **ART 293**

An introduction to basic issues in photography. The mechanics of the camera, the techniques of the darkroom, and matters of creative and personal import are addressed through illustrated lectures, class critiques, and assigned lab hours. Some attention is given to the history of photography.
Prerequisites: ART majors, or students with less than 90 degree credits.
Distribution I Area: The Arts.
4 Credits, Course fee: $916, Lab fee: $60

MORNING/AFTERNOON, SESSION CE6
July 16-Aug 23, MWTh 9:00am-1:00pm
H-8-025, Staff, Class No 2099

LAB: MORNING/AFTERNOON, SESSION CE6
July 17-Aug 21, TuF 9:00am-1:00pm
Room TBA, Staff, Class No 2249

Asian American Studies

ASIANS IN THE UNITED STATES **ASAMST 223L**

This multidisciplinary course examines the social, historical, and structural contexts defining the Asian American experience from 1850 to the present. Topics include immigration, labor, community settlement, ethnicity, stereotypes, and race relations.
Distribution I Area: Historical and Cultural Studies.
Diversity Area: United States.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
W-2-127, Staff, Class No 2096

SOUTHEAST ASIANS IN THE UNITED STATES **ASAMST 225L**

This course examines issues arising from the resettlement of one million Vietnamese, Cambodian, and Laotian refugees in the US since 1975. Topics include resettlement policies, adjustment and acculturation, changing roles of women and family, and the continuing impact of international politics. Media presentations and lectures by local Southeast Asian community leaders highlight the course.
Distribution I Area: Historical and Cultural Studies.
Diversity Area: United States.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-4:30pm
W-1-019, S. Tang, Class No 1767

ASIAN AMERICAN PSYCHOLOGY **ASAMST 238L**

This course is an introduction to the psychological experience of Asian Americans, including the historical, socio-political, and cultural influences that shape personality and mental health in community, family, and individual contexts. The course also explores prevention and intervention possibilities through specific examples, such as trauma and intergenerational conflict, that are relevant for Asian American populations.
Distribution I Area: Social and Behavioral Sciences.
Diversity Area: United States.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 10:00am-1:00pm
M-1-428, Staff, Class No 2101

Chinese

ELEMENTARY CHINESE I **CHINSE 101**

For students with no previous training in Chinese. Introduction to pronunciation (Mandarin), grammar, conversation, Chinese characters and the pinyin romanization system.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Course fee: $916, Lab fee: $25

MORNING, SESSION CE2
May 29-July 11, MTuWTh 10:00-11:30am
W-1-030, I. Woo, Class No 1486

ELEMENTARY CHINESE II **CHINSE 102**

A continuation of Chinse 101. Grammar, pronunciation, conversation, and character recognition.
Prerequisite: Chinse 101 or equivalent.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Course fee: $916, Lab fee: $25

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 10:00-11:30am
S-2-066, I. Woo, Class No 1487

Classics

CITIES OF VESUVIUS: POMPEII AND HERCULANEUM **CLSICS 280**

This course will examine the history, art, and archaeology of the Bay of Naples in the ancient world. A study will be conducted of the towns and villas destroyed (and preserved) by the eruption of Mt. Vesuvius in A.D. 79. The course covers the mix of Italic, Greek, and Roman cultures and their rediscovery through ongoing excavations.
3 Credits, Special course fee: $850

ONLINE, SESSION CE0
May 29-Aug 23
R. Colaizzi, Class No 2105

GREEK CIVILIZATION **CLSICS 281**

A consideration of the major periods of Greek civilization through the reading of literary masterpieces supplemented by a text and lectures on cultural and historical backgrounds. Discussion of Homer, the tragedians (Aeschylus, Sophocles, Euripides), Aristophanes, Plato. Introduction to archaeological and artistic materials.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: World Cultures.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
W-1-060, G. Umholtz, Class No 1488

ROMAN CIVILIZATION **CLSICS 282**

A consideration of the major periods of Roman civilization through the reading of literary masterpieces supplemented by a text and lectures on cultural and historical backgrounds. Discussion of Cicero, Catullus, Virgil, Ovid, Petronius. Introduction to archaeological and artistic materials.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: World Cultures.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE6
July 16-Aug 22, MW 10:00am-1:00pm
W-1-019, V. Warrior, Class No 2104

Communication Studies

INTRODUCTION TO COMMUNICATION **COMSTU 100**

This course is designed to provide an introductory survey of the study of communication. The course begins with a general history of the evolution of human communication, andgoes on to examine such areas as definitions, models, and basic concepts in communication; the range of verbal and non-verbal codes, and their complex interrelations in the message systems of modern electronic media; and various communication contexts, with emphasis on the structure and function of interpersonal communication and mass communication, particularly broadcast and cable television.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $850

ONLINE, SESSION CE0
May 29-Aug 23
R. Raben, Class No 1772

ORAL COMMUNICATION **COMSTU 105**

The course focuses on improvement of interpersonal, small group, and public communications skills. Through readings, journals, class discussions and activities, we explore the following: self-concept and perception, listening and responding, language and non-verbal behaviors, interviewing, problem-solving and decision-making, formal elements of speech-making, the evaluation of one's own and others' public messages.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
M-1-415, Staff, Class No 1490

MORNING/AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 10:00am-1:00pm
S-2-064, Staff, Class No 1491

USING INTERNET COMMUNICATION **COMSTU 210**

Using Internet communications enhances students' theoretical understanding of electronic communication and their ability to communicate as professionals, scholars, and citizens using the Internet. Participants learn core communication theoretical models and principles, and apply them to electronic communication methodologies that enhance interpersonal, small group, and public interactions. These methodologies include electronic meetings, discussion forums, co-authoring tools, audio, and video.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $850

ONLINE, SESSION CE0
May 29-Aug 23
E. McMahon, Class No 1492

INFORMATION TECHNOLOGY AND HUMAN COMMUNICATION **COMSTU 300**

This course examines the relationship between information technology and human communication. Readings, discussion, assignments and projects address IT's potential to enhance and constrain communication; its role in the promotion or dissolution of community; its implications for social policy; its place among other media; and many more issues for which IT, particularly cyber-technology, is a lighting rod.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $850

ONLINE, SESSION CE0
May 29-Aug 23
R. Raben, Class No 2298

Criminal Justice

CRIMINOLOGY **CRMJUS 262L**

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
W-2-198, D. Champion, Class No 2207

MORNING/AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 10:00am-1:00pm
W-1-019, M. Butts, Class No 2233

RACE AND ETHNIC RELATIONS **SOCIOL 321L**

An examination of racial and ethnic relations in contemporary society, including the history and sociology of the immigration experience, bilingual education, the nature and character of discrimination, neighborhood change, and racial and ethnic conflict.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution II Area: Social and Behavioral Sciences.
Diversity Area: United States.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 10:00am-1:00pm
W-1-045, E. Schaefer, Class No 1500

METHODS OF SOCIOLOGICAL RESEARCH **CRMJUS 351L**

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $687

MORNING, SESSION CE2
May 29-July 11, MTuWTh 8:15-9:45am
W-1-030, Staff, Class No 1501

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
W-1-019, Staff, Class No 1502

CORRECTIONS **CRMJUS 363L**

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern treatment approaches.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
W-1-019, J. Lageson, Class No 2235

MORNING/AFTERNOON, SESSION CE6
July 16-Aug 22, MW 10:00am-1:00pm
W-1-060, C. Menton, Class No 1503

ALCOHOLISM: ETIOLOGY AND EPIDEMIOLOGY **CRMJUS 368L**

An in-depth interdisciplinary analysis of the nature, causes and extent of alcoholism and problem drinking. Analysis of drinking patterns and drinking problems cross-culturally and among subgroups in the population such as women, prison inmates, the elderly, and homeless people.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
W-1-053, M. Joy, Class No 1504

INTERNSHIP IN LAW AND CRIMINAL JUSTICE **CRMJUS 461L**

This course provides an historical and sociological analysis of our state and federal court systems, and considers such issues as the rights of indigent defendants, the bail system, right to counsel, and the adversary nature of some proceedings. In addition to classroom work, students undertake supervised field placements in probation offices, parole boards, district attorneys' offices, and correctional programs.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB. By permission of department.
6 Credits, Course fee: $1374

For more information on internships, contact Ed Stern at 617.287.6250 or ed.stern@umb.edu

THE POLICE IN SOCIETY **CRMJUS 465L**

An examination of police as a system of social control; a survey of major studies of police by sociologists and government commissions. Emphasis placed on police organization, patterns and consequences of police training, historical and cross-cultural perspectives of police systems and studies of police discretion and police-citizen interaction.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 30-July 11, MW 10:00am-1:00pm
W-1-060, L. Hansen, Class No 1980

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
W-2-124, C. Menton, Class No 1505

THE SOCIOLOGY OF LAW **CRMJUS 467L**

A general analysis of the social origins and consequences of law and legal process; special emphasis on law as a method of conflict resolution
and as a social control structure, and on law and social change. Attention also given to law in other societies, including non-literate societies, to the evolution and development of legal structures, and to patterns of due process and criminal law.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
W-1-048, R. Tyler, Class No 1506

Dance

MULTICULTURAL DANCE **DANCE 135**

This course focuses on the theory, practice, and performance of American, Latin-American, and African-American dance styles.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-4:30pm
CUL-0018, S. Chung, Class No 2167

AFRO-BRAZILIAN DANCE **DANCE 481**

The Afro-Brazilian dance class is a studio dance class divided into three sections: Candomble (religious dance), Samba (folkloric dance) and Capoeria (martial art/dance). Afro-Brazilian culture will be explored through these art forms.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE1
May 29-June 28, MTuWTh 11:45am-1:45pm
CUL-0018, Staff, Class No 2168

East Asian Studies

INTERNATIONAL PROGRAM
See Page 75

CHINA TODAY

This three-week, three-credit program examines the culture, historical traditions, and cultural transformation of China.

EAST ASIAN RELIGIONS: BUDDHISM AND TAOISM **EASIAN 232L**

This course focuses mainly on Taoism and Mahayana Buddhism, briefly touching on Hinduism, Confucianism, and Shinto. It situates the classical teachings of these traditions in their historical contexts in India and East Asia, compares them to other world views more prevalent in the West, and invites students to consider their possible relevance to life in the world today.
Distribution I Area: Philosophical and Humanistic Studies.
Distribution II Area: World Cultures.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
W-1-020, M. Lafargue, Class No 1518

MODERN JAPAN **EASIAN 363L**

A historical survey of economic, social, political and cultural developments in Japan from 1800 to the present, special consideration of economic and foreign policy problems.
Diversity Area: International.
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE, SESSION CE2
May 29-July 12
S. Kim, Class No 1519

Economics

INTRODUCTION TO MICROECONOMICS **ECON 101**

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is placed on the functioning of markets and on examining the behavior of individual economic units such as the business firm and the consumer (microeconomics). Other areas of emphasis vary from section to section and may include industrial organization, income distribution, international trade, economics of the environment, and other topics.
Prerequisite: MATH 114Q, 115 or equivalent MATH level.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
W-1-060, S. Abdullah, Class No 1520

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
W-2-123, J. Millman, Class No 1521

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-4:30pm
W-1-042, S. Abdullah, Class No 1524

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
W-1-019, K. Carlson, Class No 1523

ONLINE COURSE
ONLINE, SESSION CEO
May 29-Aug 23
J. Spitz, Class No 1522
Special course fee: $850

INTRODUCTION TO MACROECONOMICS **ECON 102**

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is placed on examining the overall functioning of the economy and on dealing with such matters as unemployment, inflation and recession. Other areas of emphasis vary from section to section and may include economics of government spending and taxation, economic development, alternative economic systems, and other topics.
Prerequisite: MATH 114Q, 115 or equivalent MATH level.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
W-2-126, P. Granberry, Class No 1526
AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
W-1-043, J. Millman, Class No 1525

MORNING/AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 10:00am-1:00pm
W-1-020, J. Millman, Class No 1792

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
W-2-123, K. Carlson, Class No 1528

ONLINE COURSE
ONLINE, SESSION CE0
May 29-Aug 23
N. Aman, Class No 1527
Special course fee: $850

MICROECONOMIC THEORY **ECON 201**

Analysis of consumer and firm behavior, and of the determination of prices and quantities in both product and factor markets. Equilibrium of the household, the firm, and the industry. Implications of alternative market structures. A theoretically oriented course that builds on the less rigorous foundation provided in introductory economics courses.
Prerequisites: ECON 101 and MATH 129 (or 130), or placement into MATH 135 (or 140).
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
W-1-060, N. Aman, Class No 1529

MACROECONOMIC THEORY **ECON 202**

An investigation of the forces determining national output, employment, and inflation. Particular attention is paid to those government policies which attempt to affect the overall level of economic activity in the US. A theoretically oriented course that builds on the less rigorous foundation provided in introductory economics courses.
Prerequisites: ECON 101, ECON 102, and MATH 129 or 130 (or placement into MATH 135 or 140).
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
W-1-042, N. Aman, Class No 1530

STATISTICAL METHODS **ECON 205**

A non-calculus introduction to statistical inference aimed at familiarizing students with common statistical concepts so they will be able to make intelligent evaluations of technical reports. Topics include descriptive statistics; probability, including the normal distribution; hypothesis testing, including t-tests; analysis of variance; regression and correlation.
Prerequisites: ECON 101 and 102, and MATH 129 or 130 (or placement into MATH 135 or 140).
Distribution I Area: Mathematics and Computer Languages.
Distribution II Area: Mathematics.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
W-1-030, P. Granberry, Class No 1531

COMPARATIVE ECONOMIC SYSTEMS **ECON 372**

An examination of alternative systems of economic organization. Analysis of the failed command economies of the former Soviet Bloc and discussion of the progress and prospects for reform in Russia, Poland and Hungary. Special attention is given to comparing alternative capitalist systems (U.S., Sweden, Germany, Japan and South Korea). Issues of concern include market and non-market mechanisms of allocation and distribution, workers' control, economic democracy, centralization and decentralization, and the relation of economic affairs to political and social affairs.
Prerequisites: ECON 101 and 102.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
W-1-029, N. Aman, Class No 1791

English

Note: ENGL 101 and 102 are prerequisites for all English courses above the 100 level. For non-majors, one 200-level English course is prerequisite for all 300- and 400-level English courses. These requirements may be modified or waived for certain courses: see the following course descriptions for such changes. The student who is strongly motivated to take a course for which he or she has not satisfied the prerequisites should contact the instructor for advice and permission.

Students whose first language is not English and who have not previously completed a UMass Boston English or ESL credit course must take a writing placement test before registering for any English or ESL course. For further information, see page 6 ("Diagnostic Testing").

FRESHMAN ENGLISH I **ENGL 101**

English 101 is an introductory course in critical reading and writing that prepares students for working with the complex texts and ideas they will find in their college studies. English 101 teaches students to discover and shape their own perspectives in dialogue with challenging readings. Through carefully sequenced assignments, students are guided through various processes for constructing academic essays that may include journal writing, glossing texts, discussing student papers in class, peer reviewing, and especially revising. Readings and materials vary from section to section.
Note: This course satisfies the first half of the College's freshman writing requirement.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 30-July 11, MW 10:00am-1:00pm
W-2-126, L. Lawrence, Class No 1536

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
W-2-127, V. Kingsley, Class No 1537

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
W-1-060, E. Thompson, Class No 1538

MORNING/AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 10:00am-1:00pm
W-1-058, J. Piazza, Class No 1539

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
W-1-052, H. Davis, Class No 1540

FRESHMAN ENGLISH I—ESL SECTION **ENGL 101**

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
W-1-045, M. Earley, Class No 1541

FRESHMAN ENGLISH II — ENGL 102

If English is not your first language, you may be placed into 102E, a course devoted to ESL students. This course, designed for non-native speakers of English, parallels 102 and meets the same graduation requirement. The following description therefore applies as well to 102E. Freshman English 102 is a more advanced course in critical reading and writing than 101; it is intended to help students prepare for their upper-level courses and the Writing Proficiency Requirement. Through sequenced assignments, students learn to sustain inquiries on particular themes or issues and to treat subjects from different perspectives, including their own. Through frequent reading and writing assignments, students learn to analyze the structures of essays and arguments so they are able to develop informed responses to them. As in 101, drafting and redrafting are emphasized. One of the course papers will be a researched essay that builds on course themes and issues. Note: ENGL 102 and 102E both satisfy the second half of the College's freshman writing requirement. For more detail, see: www.freshman.umb.edu.
Prerequisite: ENGL 101; Degree Student Only.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
W-1-058, K. Morrissette, Class No 1544

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
W-1-030, R. Romanow, Class No 1543

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
W-1-045, K. Morrissette, Class No 1542

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
W-1-062, J. Hess, Class No 1545

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-4:30pm
W-2-056, J. Piazza, Class No 1546

EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-037, S. Walsh, Class No 1547

FRESHMAN ENGLISH II—ESL SECTION — ENGL 102

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
W-1-037, M. Earley, Class No 1813

LITERARY STUDIES I — ENGL 200

This course offers guided practice in the close reading of three major literary genres-poetry, fiction, and drama-with works to be drawn from various historical preiods. (A fourth genre may be added at the instructor's discretion.) The course explores the distinctive ffeatures of each genre, along with the concepts and terminology necessary to understand it accurately and communicate about it effectively. Close reading is integrated with aesthetic and evaluative responses to the literary works. A bridge to Literary Studies II (ENGL 300) is provided through focused study of at least one work from a biographical, historical, cultural, or other perspective. This course requires intensive writing.
Prerequisites: ENGL 102.
Distribution I Area: The Arts.
Distribution II Area: Humanities.
3 Credits, Course fee: $687

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
W-1-029, C. Center, Class No 1548

FIVE MAJOR BRITISH WRITERS — ENGL 201

Representative works by five of the most important writers from the fourteenth to the nineteenth century, studied as introductions to philosophical and humanistic studies, explored as reflecting and shaping the leading ideas, assumptions, and values of their ages. Works by Chaucer, Shakespeare, and other authors such as Milton, Swift, and Austen, with films and background lectures on the philosophical and historical contexts of the works and their authors. Instruction in analytical reading and writing is provided.
Prerequisites: ENGL 102.
Distribution I Area: Philosophical and Humanistic Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
W-2-126, C. Nixon, Class No 1549

SIX AMERICAN AUTHORS — ENGL 206

The achievements of American literature in articulating the American mind are illustrated by works from some well-known American writers-Thoreau, Dickinson, Faulkner, for example-as well as from those who deserve to be better known, such as Frederick Douglass, Kate Chopin, Zora Neale Hurston.
Prerequisites: ENGL 102.
Distribution I Area: The Arts.
Distribution II Area: Humanities.
Diversity Area: United States.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 10:00am-1:00pm
W-1-057, J. Hess, Class No 1551

INTRODUCTION TO CREATIVE WRITING **ENGL 210**

An introduction to the arts through the medium of writing as well as reading poetry and fiction. Student writing is submitted weekly and discussed in class.
Prerequisites: ENGL 102.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
W-1-056, H. Davis, Class No 1552

ART OF FICTION **ENGL 273G**

Introduction to themes and forms of fiction. Close analytical reading of stories and novels with special attention to an artist's historical and cultural milieu, and to an artist's choices of form (including thematic repetition and variation, narrative point of view, setting, characterization, plot and action, imagery, figurative language, and representations of speech). Emphasis on writing critical and interpretive papers. Capabilities addressed: Reading, writing, critical thinking, information technology, oral presentation.
Prerequisites: ENGL 102, and a minimum of 30 credits. Degree Students Only.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
W-1-052, S. Walsh, Class No 1808

THE ART OF LIFE WRITING **ENGL 276G**

Introduction to life writing. Close analytical reading of memoirs, personal essays, biographies and autobiographies with special attention to a writer's historical and cultural milieu, and to a writer's choices of form (including narrative points of view, setting, characterization, scene and summary, figurative language, and representations of speech). Capabilities addressed: Critical reading, critical thinking, clear writing, academic self-assessment, collaborative learning, information technology, oral presentation.
Prerequisites: ENGL 102, and a minimum of 30 credits. Degree Students Only.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE6
July 16-Aug 22, MW 10:00am-1:00pm
W-1-045, C. Center, Class No 1814

SHORT STORY **ENGL 324**

A study of the short story, chiefly as a genre of this century. The course traces its development from nineteenth century origins, concentrating its reading on such American and Irish writers as Welty, O'Connor, Cheever, Lavin, Joyce, Hemingway, Montague, and considering as well the statements made by short story writers on the poetics of short fiction.
Prerequisites: ENGL 102, and ENGL 200 or 201 or 206
Distribution II Area: The Arts.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE6
July 16-Aug 22, MW 10:00am-1:00pm
W-2-127, M. Walsh, Class No 1815

NARRATIVE IN THE NOVEL AND FILM **ENGL 325**

Emphasizing formal and stylistic renditions of 20th-century narrative art, this course focuses on experimental aspects of fiction and film. It does so through close attention to written texts, media, and critical readings. Materials include fiction by James, Woolf, Faulkner, Coetzee, and Puig, and films by Eisenstein, Pabst, DeSica, Resnais, and Giral.
Diversity Area: International.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 30-July 11, MW 10:00am-1:00pm
W-2-127, R. Romanow, Class No 2172

MODERN AND CONTEMPORARY DRAMA **ENGL 328**

A study of the evolution of the Arthurian materials (from the twelfth century to the present); their origins in history, legend and myth, their emergence in the major twelfth century romance cycles, and their adaptations by later ages; the examination of recurring characters and motifs to discover how the Arthurian legend has been adapted to reflect the different aesthetic and social values of different historical periods.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
W-2-126, R. Saunders, Class No 1553

COMEDY **ENGL 332**

Comic literature from different cultures and periods, ancient through modern, illustrates the recurrence of different comic modes: satire, irony, romantic comedy, comedy of manners, and comedy of the absurd. Essays about theories of comedy aid students in evaluating the literature and forming their own ideas about the nature of comedy.
Distribution II Area: The Arts.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
W-1-040, R. Saunders, Class No 1809

SHORT NOVEL **ENGL 337**

Readings in 20th-century short novels by authors such as Tolstoy, Joyce, Conrad, James, Wharton, Hemingway, Steinbeck, Roth, Wright, Hurston, Achebe, C Johnson, and Oates. Exploration of how the language of analysis and interpretation affects the ways we relate to texts. Attention to differences among genres: short story, the novella or short novel, and the novel.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
W-1-019, D. Nelson, Class No 1935

MODERN AMERICAN FICTION **ENGL 368**

A study of significant works of American fiction written in the first half of the 20th century. Major American modernists-such authors as James, Wharton, S Crane, Cather, Hughes, Fitzgerald, Hemingway, Hurston, and Faulkner-helped to define the "American century" and to demonstrate the sustained achievement of modern American fiction.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-4:30pm
W-2-127, A. Divver, Class No 2176

THE ADOLESCENT IN LITERATURE **ENGL 371**

An examination of works featuring adolescents as protagonists, with attention to why American literature in particular has celebrated the adolescent (and pre-adolescent) experience. Consideration of assumptions held about adolescence, about authorial intention, about literary analysis, and about education. Authors may include Twain, Salinger, Updike, Eugenides, Angelou, Baldwin, Bambara, Morrison, and Allison.

3 Credits, Course fee: $687

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
W-1-019, D. Nelson, Class No 1934

AMERICAN WOMEN WRITERS AND AMERICAN CULTURE **ENGL 372L**

This course examines the significant contributions that women writers have made to the creation and development of an American national literature and culture. Points of emphasis include studying representative writers from different historical periods; examining the structures, forms, themes, concerns, and cultural contexts of individual works; and examining the relation of women's writing to American culture.

Diversity Area: United States.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
W-2-124, J. Medoff, Class No 1807

LITERATURE AND THE POLITICAL IMAGINATION **ENGL 376**

The course studies ways authors use imaginative literature to respond to political situations and to voice moral and political beliefs. It probes such themes as war and conquest, wealth, race, sex, but its main emphasis is on language and organization and this emphasis requires close analysis of style and structure. Authors may include Dickens, Forster, and Conrad, Dos Passos, Hansberry, Baraka, and Malraux, Brecht, and Silone.

Diversity Area: International.
3 Credits, Course fee: $687

EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
W-2-123, A. Murphy, Class No 1817

IRISH LITERATURE **ENGL 415**

A close study of Yeats, Synge, O'Casey, Joyce, and other writers of the modern Irish renaissance. The backgrounds of Irish history and literature relative to these writers will also be studied.

Prerequisites: ENGL 102, and ENGL 200 or 201 or 206.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
W-1-020, M. Walsh, Class No 1554

French

INTENSIVE ELEMENTARY FRENCH **FRENCH 100**

Intensive elementary work in the four language skills, with concentration on an audio-lingual approach, for students with no previous training in French. Students completing this course satisfactorily will be allowed to enter directly into courses at the intermediate level. Equivalent to one year of elementary French.

Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
8 Credits, Course fee: $1832, Lab fee: $25

EVENING, SESSION CE2
May 29-July 11, MTuWTh 6:00-9:00pm
M-2-624, A. Berrahmoun, Class No 2114

ELEMENTARY FRENCH I **FRENCH 101**

Practice in the four language skills, with concentration on an audio-lingual approach, for students who have no creditable training in French. Includes an introduction to French and francophone culture. Weekly laboratory attendance and assignments required.

Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Course fee: $916, Lab fee: $25

MORNING/AFTERNOON, SESSION CE1
May 29-June 28, MTuWTh 10:00am-12:00pm
M-1-612, E. Karnoub, Class No 1559

ELEMENTARY FRENCH II **FRENCH 102**

A continuation of FRENCH 101. Concentrated practice in the four language skills, with an audio-lingual approach, for students who have completed FRENCH 101 or its equivalent. Continued attention to French and francophone culture. Weekly lab attendance and assignments required.

Prerequisite: FRENCH 101 or equivalent.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Course fee: $916, Lab fee: $25

MORNING/AFTERNOON, SESSION CE4
July 5-Aug 2, MTuWTh 10:00am-12:00pm
W-2-056, E. Karnoub, Class No 1560

INTERMEDIATE FRENCH I **FRENCH 201**

This course seeks to help students attain the level of intermediate competence in speaking, listening, reading, and writing, through imaginative and personalized activities that are relevant to student interests. These activities include an introduction to the culture and literature of the French-speaking world. Weekly laboratory attendance and assignments required.

Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Course fee: $916, Lab fee: $25

MORNING/AFTERNOON, SESSION CE1
May 29-June 28, MTuWTh 10:00am-12:00pm
M-1-620, L. Souders, Class No 1561

INTERMEDIATE FRENCH II **FRENCH 202**

This course seeks to build on the level of achievement reached in FRENCH 201. Participants study a variety of literary and cultural texts as models of written expression. Weekly laboratory attendance and assignments required.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Course fee: $916, Lab fee: $25

MORNING/AFTERNOON, SESSION CE4
July 5-Aug 2, MTuWTh 10:00am-12:00pm
M-1-415, P. O'Connell, Class No 2115

German

ELEMENTARY GERMAN I **GERMAN 101**

Intensive practice in the four language skills, with an audio-lingual approach, for students who have no creditable training in German. Weekly laboratory attendance and assignments required.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Course fee: $916, Lab fee: $25

EVENING, SESSION CE1
May 29-June 28, MTuWTh 5:00-7:00pm
M-1-616, E. Rettelbach, Class No 2116

ELEMENTARY GERMAN II **GERMAN 102**

Continuation of German 101.
Prerequisite: GERMAN 101 or equivalent.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Course fee: $916, Lab fee: $25

EVENING, SESSION CE4
July 5-Aug 2, MTuWTh 5:00-7:00pm
M-1-421, Staff, Class No 2117

History

INTERNATIONAL PROGRAM
See Page 75

CHINA TODAY

This three-week, three-credit program examines the culture, historical traditions, and cultural transformation of China.

FOUNDATIONS OF WESTERN CIVILIZATION **HIST 111**

A survey of the political, cultural, social, and economic history of Western society from antiquity until 1715. Emphasis is given to the critical analysis of primary sources.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
M-1-417, Staff, Class No 1564

EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
M-1-428, Staff, Class No 1565

MODERN WESTERN CIVILIZATION **HIST 112**

This course traces the major political, economic, and cultural changes which have shaped Western society from the Enlightenment to the present. Emphasis is given to the critical analysis of primary source materials.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $687

MORNING/AFTERNOON, CE6
July 17-Aug 23, TuTh 10:00am-1:00pm
M-2-423, Staff, Class No 1566

ONLINE, SESSION CE0
May 30-Aug 23
M. Casini, Class No 2656
Special course fee: $850

MODERN WORLD HISTORY II **HIST 114**

History of modern Western industrial societies and the non-Western world, 1800-present.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Social and Behavioral Sciences.
Diversity Area: International.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
M-1-208, Staff, Class No 1567

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-4:30pm
M-1-212, Staff, Class No 1568

THE MIDDLE EAST SINCE 1517 **HIST 151**

The course begins by examining the socio-economic and political character of Ottoman power, its expansion into Europe and the Middle East. It discusses the failure of the empire to transform itself when faced with the challenges of an expanding Europe, and the subsequent responses to Western industrialism, nationalism, and imperialism.
Distribution I Area: Historical and Cultural Studies.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
M-1-420, Staff, Class No 2121

AMERICAN HISTORY BEFORE 1877 **HIST 165**

Introduces students at the intermediate level to the study of American history before 1877. The subject matter encompasses virtually all aspects of American society. The interrelationship between social structure, economic development, everyday life, culture and formal politics is explored throughout the course. Attention is given to the nature of historical inquiry and the development of writing skills.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
M-1-210, Staff, Class No 1569

AMERICAN HISTORY SINCE 1877 — HIST 166

A survey of American history from 1877 covering the nature of American social structure, economic development, everyday life, culture, and formal politics. Attention is given to the nature of historical inquiry and the development of writing skills.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE, SESSION CE2
May 29-July 12
R. Wollans, Class No 2652

MONARCHS, PEOPLE AND HISTORY — HIST 201

The origins and reasons for monarchy as an institution and social force in the Western world. Specific royal personages are studied with attention to how they attained or lost effectiveness as leaders; their goals for themselves and their people are stressed. These themes are explored through primary source readings. Architectural, artistic, and musical evidence are introduced in slide and tape sessions.
Distribution I Area: Historical and Cultural Studies.
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE, SESSION CE2
May 29-July 12
A. Breen, Class No 2119

LEADERS IN HISTORY — HIST 203G

This course studies six great world leaders, in order to understand political power and the role of the individual in influencing the course of history. Each example studied serves as an introduction to historical problems and periods, from ancient to modern. In the process, key concepts for understanding history are introduced and discussed. This course may count toward the major or minor in history. Capabilities addressed: Critical reading, critical thinking, clear writing, oral presentation.
Prerequisites: ENGL 102, and a minimum of 30 credits. Degree Students Only.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
M-1-619, Staff, Class No 1820

THE DARK AGES — HIST 304

Beginning with the decline of the Roman Empire, this course discusses German, Muslim, Viking and Magyar invasions, the development of Catholicism in Western Europe and of Eastern Orthodoxy in the Byzantine Empire, the Arabic contribution to mathematics, science, and philosophy and the institutions of feudalism and manonomic, demographic and urban revival which began around 1000 AD.
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE, SESSION CE2
May 29-July 12
A. Breen, Class No 2120

AGE OF RENAISSANCE AND REFORMATION — HIST 307

Peoples, ideas, and institutions of 14th through 16th Century Europe.
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE, SESSION CE2
May 29-July 12
M. Casini, Class No 2651

FRANCE SINCE 1789 — HIST 331

Political, economic, social and cultural history of France from the origins of the Revolution of 1789 to the present. Emphasis on the formative crises, revolutions and war, which have shaped French institutions and thought.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE6
July 16-Aug 22, MW 10:00am-1:00pm
M-1-417, Staff, Class No 1824

MODERN IRISH HISTORY FROM 1800 TO PRESENT — HIST 339

This course examines the forces and movements in the development of Irish Nationalism from 1800 to the achievement of national independence. The course also explores the history of an independent Ireland.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 10:00am-1:00pm
M-3-617, G. Burke, Class No 1571

THE VIETNAM WAR — HIST 357

This course covers the period from 1945 to 1975, with attention to the Vietnamese Revolution and its American and Vietnamese adversaries. Topics include origins of the Cold War and U.S. policy in Indochina; Vietnam's peasant revolution and Communist Party; society, economy, and ideology of the Saigon milieu; the U.S. anti-war movement; and U.S. soldiers and veterans of the Vietnam War era.
Diversity Area: International.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 11, MTuWTh 11:45am-1:15pm
M-1-421, L. Clifford, Class No 1822

WAR IN THE TWENTIETH CENTURY — HIST 358

A study of military plans, strategy and weapons employed in twentieth century wars, and their consequences on the battlefield, together with their larger impact on the societies involved. Emphasis on the two world wars and the Vietnam War. The course concludes with a review of current military plans and weapons systems of the world powers in the perspective of military history since 1914.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
M-1-421, L. Clifford, Class No 1572

MODERN JAPAN — HIST 363L

A historical survey of economic, social, political and cultural developments in Japan from 1800 to the present, special consideration of economic and foreign policy problems.
Diversity Area: International.
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE, SESSION CE2
May 29-July 12
S. Kim, Class No 1823

HISTORY OF MODERN TERRORISM **HIST 389**

This course studies the phenomenon of terrorism by considering twentieth-century political movements that have used or are using terror to achieve their objectives. The course develops an analytical framework for the study of terrorism and uses this framework in exploring the historical backgrounds, objectives, ideologies, tactics, and membership profiles of selected groups, and in considering the responses of their opponents. Groups to be studied include the IRA, the Irgun, the PLO, the Baader-Meinhof, and the Ku Klux Klan.
3 Credits, Course fee: $687

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
M-1-417, Staff, Class No 1825

MUSSOLINI AND FASCISM **HIST 433**

This course will closely analyze Mussolini's personality, Fascist doctrine and practice, and foreign policy. The nature of Fascism, its origins and significance for the modern world will be examined. The influence of Italian Fascism in other countries of Europe and America will also be discussed.
3 Credits, Special course fee: $850

ONLINE COURSE

ONLINE, SESSION CE0
May 29-Aug 23
S. DiScala, Class No 2240

PRESIDENT KENNEDY: FOREIGN POLICY **HIST 479**

This course examines President Kennedy's vision of America's role in the world and his major foreign policy decisions, their execution and consequences. Specific attention is given to U.S. – Soviet relations, and Cold War crises concerning Germany (Soviet threats to sign a separate treaty with East Germany, access to Berlin, Berlin Wall); Cuba (Bay of Pigs, Cuban Missile Crisis); and Vietnam (nation-building and counterinsurgency).
3 Credits, Course fee: $687; $295 non-credit

UMASS BOSTON CAMPUS, SESSION CE2
May 29-July 12, TuTh 6:00-9:00pm
Room W-1-045, R. Sauer, Class No 2668

Honors

PSYCHOLOGY OF VIOLENCE AND NON-VIOLENCE **HONORS 290**

In this course, we will explore violence and nonviolence from a psychological perspective. We will take a critical approach to traditional psychology and examine its role in sustaining an oppressive status quo, as well as its potential to help create a more humane and just world. We will look at how the dynamics of violence and nonviolence are expressed in the individual and society, and how these intersect. Topics discussed will include: the psychology of prejudice; critical and feminist psychology; the psychology of consumerism; psychological trauma; psychology and social movements; and liberation psychology, including Buddhist, ecological, and spiritual psychologies. Requirements include regular reading and participation in seminar-style course meetings, weekly journal entries, a group project, and a final paper. Extra credit will be given for participation in group discussions held on a chosen topic once a week outside of class time.
Prerequisites: Sophomore standing in the Honors Program, or permission of the Director. Call 617-287-5520 or email honors@umb.edu.
Students in the University Honors Program can use this course to fulfill a Social and Behavioral Sciences distribution, either Area I or II.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 30-July 11, MW 10:00am-1:00pm
W-1-062, M. Joy, Class No 1946

Italian

ELEMENTARY ITALIAN I **ITAL 101**

For students who have no creditable training in Italian; intensive practice in the four language skills, with an audio-lingual approach. Weekly laboratory attendance and assignments required.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Course fee: $916, Lab fee: $25

EVENING, SESSION CE1
May 29-June 28, MTuWTh 5:00-7:00pm
M-2-417, Staff, Class No 1573

ELEMENTARY ITALIAN II **ITAL 102**

The continuation of ITAL 101.
Prerequisite: ITAL 101 or equivalent.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Course fee: $916, Lab fee: $25

EVENING, SESSION CE4
July 5-Aug 2, MTuWTh 5:00-7:00pm
M-1-620, Staff, Class No 1574

Japanese

ELEMENTARY JAPANESE I **JAPAN 101**

Introduction to modern Japanese. Intensive practice in the four language skills, with an audio-lingual approach, for students who have no creditable training in Japanese. Hiragana and about 30 Kanji are introduced.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Course fee: $916, Lab fee: $25

EVENING, SESSION CE1
May 29-June 28, MTuWTh 5:00-7:00pm
M-1-421, Y. Yamamoto, Class No 1575

ELEMENTARY JAPANESE II **JAPAN 102**

A continuation of JAPAN 101. Katakana and about 70 Kanji are introduced.
Prerequisite: JAPAN 101.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Course fee: $916, Lab fee: $25

EVENING, SESSION CE4
July 5-Aug 2, MTuWTh 5:00-7:00pm
M-2-417, Y. Yamamoto, Class No 1576

Latin

FUNDAMENTALS OF LATIN II **LATIN 102**

Continuation of LATIN 101.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
3 Credits, Special course fee: $850

ONLINE COURSE

ONLINE, SESSION CEO
May 29-Aug 23
R. Colaizzi, Class No 1771

VIRGIL **LATIN 310**

Readings in the works of Virgil with primary emphasis on the Aeneid; background and scholarship. Required for Latin majors, and for combined Greek/Latin majors.
Distribution II Area: World Languages.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE8
July 9-July 26, MTuWTh 1:00-4:00pm
M-1-616, F. Nisetich, Class No 2106

Linguistics

ELEMENTARY AMERICAN SIGN LANGUAGE I **LING 151**

This course provides an introduction to American Sign Language with an emphasis on receptive skills, vocabulary, and grammar; it also introduces the linguistics of ASL. In addition, through readings, guest speakers, and videotapes, the course seeks to help students develop their awareness of issues important to the Deaf community.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
M-1-614, Staff, Class No 1578

ELEMENTARY AMERICAN SIGN LANGUAGE II **LING 152**

A continuation of *LING* 151 with emphasis on receptive and expressive skills.
Note: LING 152 may be used as a distribution course only after successful completion of LING 153.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
3 Credits, Course fee: $687

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
M-1-619, Staff, Class No 1579

ELEMENTARY AMERICAN SIGN LANGUAGE III **LING 153**

This course provides an intensive review of introductory ASL, followed by further study of grammar and language skills, correlated with advanced elementary level reading related to Deaf culture.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
M-3-617, Staff, Class No 1580

Music

AN INTRODUCTION TO MUSIC **MUSIC 111**

Basic music materials, principles of design, and the cultural significance of representative works in historical sequence. Designed primarily for non-music majors.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
W-1-006, J. Mitchell, Class No 1616

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
M-2-404, D. Patterson, Class No 1617

WORLD MUSIC **MUSIC 115**

An introduction to the musical traditions of countries throughout the world, embracing the role of music in society, ritual, and culture. Traditional vocal and instrumental styles of folk and traditional music are illustrated through audio and visual materials.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
W-1-006, F. Stubbs, Class No 1930

PRIVATE MUSIC LESSONS **MUSIC 185**

Private music lessons at beginning, intermediate and advanced levels are offered in voice, piano, guitar and all orchestral instruments and are open to all students. Students may register for six one-hour, twelve half-hour, or twelve one-hour lessons; all options bear one academic credit. Lesson times are arranged between student and instructor. For further information, contact the Music Department at 617.287.6980 or visit the Summer Registration Center. *Pass/fail-withdrawal deadlines are as follows: For sections running May 29-July 12, June 14; for sections running May 29-Aug 23, July 5; for sections running July 16-Aug 23, August 2.*

COURSE FEES:
Six one-hour lessons: $365, 1 Credit
Twelve half-hour lessons: $365, 1 Credit
Twelve one-hour lessons: $730, 1 Credit
Note: If a student is taking music lessons only, service fees are $50. Waivers may not be used for MUSIC 185.

MUSIC 185B: BASS, SIX ONE-HOUR LESSONS, SESSION CE2
May 29-July 12, By arrangement
V. Scrima, Fee: $365, Class No 1619

MUSIC 185B: BASS, SIX ONE-HOUR LESSONS, SESSION CE6
July 16-Aug 23, By arrangement
V. Scrima, Fee: $365, Class No 1620

MUSIC 185B: BASS, TWELVE HALF-HOUR LESSONS, SESSION CE8
May 29-Aug 23, By arrangement
V. Scrima, Fee: $365, Class No 1621

MUSIC 185B: BASS, TWELVE ONE-HOUR LESSONS, SESSION CE8
May 29-Aug 23, By arrangement
V. Scrima, Fee: $730, Class No 1627

MUSIC 185C: CLARINET, SIX ONE-HOUR LESSONS, SESSION CE2
May 29-July 12, By arrangement
C. Brezniak, Fee: $365, Class No 1623

MUSIC 185D: DRUMS, SIX ONE-HOUR LESSONS, SESSION CE2
May 29-July 12, By arrangement
E. Platz, Fee: $365, Class No 1624

MUSIC 185D: DRUMS, SIX ONE-HOUR LESSONS, SESSION CE6
July 16-August 23, By arrangement
E. Platz, Fee: $365, Class No 2220

MUSIC 185E: GUITAR, SIX ONE-HOUR LESSONS, SESSION CE2
May 29-July 12, By arrangement
P. Janson, Fee: $365, Class No 1906

MUSIC 185F: PIANO, SIX ONE-HOUR LESSONS, SESSION CE2
May 29-July 12, By arrangement
T. McFarland, Fee: $365, Class No 1625

MUSIC 185H: VIOLIN, SIX ONE-HOUR LESSONS, SESSION CE2
May 29-July 12, By arrangement
J. Lee, Fee: $365, Class No 2214

MUSIC 185H: VIOLIN, SIX ONE-HOUR LESSONS, SESSION CE2
May 29-July 12, By arrangement
P. Buczek, Fee: $365, Class No 2215

MUSIC 185H: VIOLIN, SIX ONE-HOUR LESSONS, SESSION CE6
July 16-Aug 23, By arrangement
J. Lee, Fee: $365, Class No 2221

MUSIC 185H: VIOLIN, SIX ONE-HOUR LESSONS, SESSION CE6
July 16-Aug 23, By arrangement
P. Buczek, Fee: $365, Class No 2222

MUSIC 185I: VOICE, SIX ONE-HOUR LESSONS, SESSION CE2
May 29-July 12, By arrangement
S. Ehly, Fee: $365, Class No 1626

MUSIC 185I: VOICE, SIX ONE-HOUR LESSONS, SESSION CE2
May 29-July 12, By arrangement
D. Giessow, Fee: $365, Class No 2216

MUSIC 185I: VOICE, SIX ONE-HOUR LESSONS, SESSION CE6
July 16-Aug 23, By arrangement
D. Giessow, Fee: $365, Class No 1629

MUSIC 185J: TRUMPET, SIX ONE-HOUR LESSONS, SESSION CE2
May 29-July 12, By arrangement
S. Manickam, Fee: $365, Class No 2217

MUSIC 185J: TRUMPET, SIX ONE-HOUR LESSONS, SESSION CE6
July 16-Aug 23, By arrangement
S. Manickam, Fee: $365, Class No 2223

MUSIC 185K: CELLO, SIX ONE-HOUR LESSONS, SESSION CE2
May 29-July 12, By arrangement
P. Taylor, Fee: $365, Class No 1630

MUSIC 185M: ORGAN, SIX ONE-HOUR LESSONS, SESSION CE2
May 29-July 12, By arrangement
A. Holman, Fee: $365, Class No 2218

MUSIC 185M: ORGAN, SIX ONE-HOUR LESSONS, SESSION CE6
July 16-August 23, By arrangement
A. Holman, Fee: $365, Class No 2224

MUSIC 185Q: HORN, SIX ONE-HOUR LESSONS, SESSION CE2
May 29-July 12, By arrangement
A. Howarth, Fee: $365, Class No 1908

MUSIC 185Q: HORN, SIX ONE-HOUR LESSONS, SESSION CE6
July 16-August 23, By arrangement
A. Howarth, Fee: $365, Class No 1912

MUSIC 185R: BASSOON, SIX ONE-HOUR LESSONS, SESSION CE2
May 29-July 12, By arrangement
E. Badea, Fee: $365, Class No 1632

MUSIC 185R: BASSOON, SIX ONE-HOUR LESSONS, SESSION CE6
July 16-August 23, By arrangement
E. Badea, Fee: $365, Class No 2225

MUSIC 185S: ACCORDION, SIX ONE-HOUR LESSONS, SESSION CE2
May 29-July 12, By arrangement
E. Badea, Fee: $365, Class No 1909

MUSIC 185S: ACCORDION, SIX ONE-HOUR LESSONS, SESSION CE6
July 16-August 23, By arrangement
E. Badea, Fee: $365, Class No 2226

MUSIC 185T: STRING BASS, SIX ONE-HOUR LESSONS, SESSION CE2
May 29-July 12, By arrangement
S. Chaurette, Fee: $365, Class No 2219

MUSIC 185T: STRING BASS, SIX ONE-HOUR LESSONS, SESSION CE6
July 16-August 23, By arrangement
S. Chaurette, Fee: $365, Class No 2227

UNIVERSE OF MUSIC **MUSIC 248**

An introduction to the infinite universe of music from its origins to the present, this course investigates the role of instruments, culture, myth and science in the evolution of music. Illustrations through the medium of the World Wide Web present the concept of music as both communication of ideas and expression of feelings in diverse musical traditions of the world.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
Diversity Area: International.
3 Credits, Special course fee: $850

ONLINE, SESSION CEO
May 29-Aug 23
D. Patterson, Class No 1633

HISTORY AND DEVELOPMENT OF JAZZ IN AMERICA **MUSIC 251**

The development of jazz from its origin to the present.
Distribution I Area: The Arts.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
W-1-006, P. Janson, Class No 2228

AFRICAN-AMERICAN MUSIC **MUSIC 252**

An examination of African-American music (black music) from its African origins to contemporary black musical expression, including work songs, spirituals, minstrelsy, blues, rhythm and blues, and gospel.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
Diversity Area: United States.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
W-1-006, O. Wright, Class No 2229

AMERICAN MUSIC IN WARTIME **MUSIC 258**

The history of the United States goes back only 255 years, yet in that relatively short amount of time the country has been involved in no fewer than ten wars. This course is a survey course examining American wartime composers, their lives, their works, and the events surrounding the composition of patriotic works.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Special course fee: $850

ONLINE, SESSION CE2
May 29-July 12
J. Mitchell, Class No 1913

Philosophy

INTRODUCTION TO PHILOSOPHY **PHIL 100**

An introductory examination of the problems and scope of philosophy.
Distribution I Area: Philosophical and Humanistic Studies.
Distribiution II Area: Humanities.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
W-1-020, R. Rosenfeld, Class No 1641

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
W-1-057, J. Bayne, Class No 1642

EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-040, J. Cooper-Wiele, Class No 2135

MORAL AND SOCIAL PROBLEMS **PHIL 108**

Important moral and social issues of current concern are examined and debated. The course covers several problems each semester from a list including criminal punishment, war, abortion, racism, violence, the death penalty, private property, sexism, animal rights, the environment, and hunger.
Distribution I Area: Philosophical and Humanistic Studies.
Distribiution II Area: Humanities.
Diversity Area: United States.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
W-2-125, A. Wingo, Class No 1643

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
W-2-125, A. Wingo, Class No 1644

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-4:30pm
W-1-020, J. Cooper-Wiele, Class No 1645

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
W-1-050, M. Gunning, Class No 1646

INTRODUCTION TO LOGIC **PHIL 120**

The study of valid reasoning using formal methods of proof with truth functions, deductions, and quantifiers. Analysis of the logical structure of language related to philosophical questions of truth, paradox, and reference.
Distribution I Area: Mathematics and Computer Languages.
Distribution II Area: Mathematics.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
W-1-037, R. Farion-Villano, Class No 2133

MORNING/AFTERNOON, SESSION CE6
July 16-Aug 23, MTuWTh 11:45am-1:15pm
W-2-124, L. Kaye, Class No 1647

MORAL ISSUES IN MEDICINE **PHIL 222**

Concepts of health, illness and healing, under different paradigms of medicine. Is medicine an art or science? What is the impact of medical technology on human life and death? What is considered "natural"? Attention is given to issues in human reproduction (e.g. in vitro fertilization, conception, abortion). Questions of authority, accountability in doctor-patient relationships, patient advocacy, self-help, right to health care or to refuse treatment. Social and political questions of health care organization.

Distribution I Area: Philosophical and Humanistic Studies.
Distribiution II Area: Humanities.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
W-2-127, R. Farion-Villano, Class No 1648

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
W-1-040, J. Bayne, Class No 2134

PHILOSOPHY OF WAR, TERRORISM AND TORTURE **PHIL 281**

There are a great many morally significant issues that arise in the context of war. In this course we shall be focusing primarily on the following: When, if ever, is it morally permissible to wage war? What conduct is morally permissible in wartime, & what conduct is morally impermissible? (Is it ever morally permissible to kill civilians, e.g., by bombing cities? Is it ever morally permissible to engage in chemical or biological or nuclear warfare? Is it ever morally permissible for a state to torture prisoners of war in an attempt to elicit information that might help one save the lives of one's own citizens?) What is terrorism? Is it ever morally permissible? Is there a morally relevant difference between terrorism per se & state terrorism? The readings in this course will consist of books & articles written primarily by contemporary philosophers, political theorists, & lawyers.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
W-2-125, N. Lande, Class No 1837

CONSCIOUSNESS **PHIL 281**

The last few decades have seen a renewed interest in the study of consciousness by philosophers, psychologists and other cognitive scientists. We will examine this literature from a critical, philosophical perspective. Some of the main questions we will consider are: Why does consciousness seem so mysterious? Is it possible to explain consciousness scientifically? In particular, can we understand how consciousness arises out of neural activity? Or can we explain consciousness in terms of information processing and representations? In what ways is consciousness unified? Can we explain this unity?

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
W-1-045, L. Kaye, Class No 1838

Political Science

INTERNATIONAL PROGRAM
See Page 75

THE NEW EUROPE AND THE EUROPEAN UNION

An extraordinary, six-credit program that provides firsthand experience with the dynamic transformations occurring in Europe today.

INTERNATIONAL PROGRAM
See Page 75

IRELAND TODAY

This six-credit field study program examines political, social, and economic developments in both the Repubic of Ireland and Northern Ireland.

AN INTRODUCTION TO POLITICS AND POLITICAL SCIENCE **POLSCI 101**

This course introduces and explores the conceptual vocabulary of politics. Though concerned with problems of political theory, it is designed not for theorists but for anyone who thinks, talks, or worries about the public world. A series of brief case studies will be used to show how real-world outcomes are affected by our political ideas and assumptions.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 30-July 11, MW 10:00am-1:00pm
W-1-010, J. Ward, Class No 1667

GOVERNMENT AND POLITICS OF THE UNITED STATES **POLSCI 102**

An introduction to the structures, processes, and results of the American governmental system. The course focuses on the national government and national political behavior, although state, regional, and local structures and issues are also introduced. Topics include institutions of government, political principles and ideologies, public opinion, political socialization, political parties, mass media, elections, interest groups, civil rights and civil liberties, public policies and policy making.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
W-2-127, U. Tafe, Class No 1668

INTERNATIONAL RELATIONS — POLSCI 220

Through the analysis of current and historical developments, this course focuses on the major patterns and concepts which explain the behavior of nations as they operate on the world scene. Special attention is given to the role of economic relations, war, ideologies, and various attempts at eliminating international conflict; the dynamics of global economic interdependence; the impact of multinational corporations; the impact of regional trading blocs; the significance and impact of globalization. While the course covers broad patterns of international relations, of particular concern are (a) the condition of underdevelopment in the Third World and its link to biases in the structure of the international system and the inequities of the globalizing economy; (b) issues of human rights, ethnicity, nationality; the role of cultural, religious and gender differences; the role of social classes and race.
Prerequisite: Sophomore standing.
Distribution I Area: Social and Behavioral Sciences.
Diversity Area: International.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
W-2-123, R. Peters, Class No 1669

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
W-1-012, R. Peters, Class No 1670

THE POLITICAL NOVEL — POLSCI 224

This course studies some of the best novels concerning political conditions, ideas, and passions in our time. Franz Kafka, Andre Malraux, Arthur Koestler, George Orwell, and Ignazio Silone are among the novelists whose works are read. Such writers depict the plight of human beings; their works are broad in scope and philosophical in mood. Consequently they offer a superb opportunity for reflection and discussion concerning human nature, the human situation today, and the political possibilities and responsibilities that these put before us.
Distribution I Area: Philosophical and Humanistic Studies.
3 Credits, Special course fee: $850

ONLINE, SESSION CEO
May 29-Aug 23
J. Ward, Class No 2136

MODERN POLITICAL THOUGHT — POLSCI 252

The history of Western political ideas from the time of Machiavelli to that of Marx and Nietzsche.
Distribution I Area: Historical and Cultural Studies.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
W-1-010, J. Ward, Class No 2137

POLITICAL CHANGE AND GROUP IDENTITY — POLSCI 307

The course is concerned with the impact of group identity-racial, religious, ethnic, gender, sexual, class, national-on political systems.
3 Credits, Course fee: $687

EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-012, R. Peters, Class No 2138

THIRD WORLD DEVELOPMENT — POLSCI 375

Investigation of theories of interdependence, dependency, and neocolonialism. Special attention to North/South relations, various approaches to development and forms of assistance provided by the industrial countries, resource problems, and other political and developmental issues facing North and South.
Diversity Area: International.
3 Credits, Course fee: $687

MORNING, SESSION CE2
May 29-July 11, MTuWTh 10:00-11:30am
W-2-123, H. Shahdadi, Class No 1839

WORLD POLITICS AND WORLD ORDER — POLSCI 402

The study of recent developments in international law and organization, regionalism, the politics of economic interdependence, and arms control, with emphasis on the United Nations systems and the European communities. Examination of strategies for dealing with international conflict.
3 Credits, Course fee: $687

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 10:00-11:30am
W-2-124, H. Shahdadi, Class No 1843

THE POLITICS OF INTERNATIONAL ECONOMIC RELATIONS — POLSCI 410

The course studies the relationship between the structure of the international politicalsystem and the structure of the international economic system, examines the reciprocal links between domestic political and economic policies of governments and their international behavior, and analyzes the sociopolitical choices which support the development and operation of such transnational institutions as the World Bank, the IMF, multinational corporations, cartels, and trading systems.
3 Credits, Special course fee: $850

ONLINE, SESSION CEO
May 29-Aug 23
H. Shahdadi, Class No 2140

AMERICAN FOREIGN POLICY — POLSCI 424

Examines United States foreign policy in the post-World War II period. Focuses on both historical and institutional matters. Current issues are also given ample consideration.
3 Credits, Special course fee: $850

ONLINE, SESSION CEO
May 29-Aug 23
H. Shahdadi, Class No 1851

DEMOCRATIC THEORY — POLSCI 453

This course explores ancient and modern theories of democracy in historical context. Topics include theories about leaders and their ends; the bases of representative democracy; the linkages between democracy and revolution; the relationship of democracy and economics; the issues related to democracy and difference; and the challenges for democracy in the twenty-first century.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 10:00am-1:00pm
W-2-127, U. Tafe, Class No 2139

Psychology

INTRODUCTORY PSYCHOLOGY — PSYCH 100

A general survey of selected content areas in psychology, including personality and human development, physiological psychology, learning, intelligence, heredity and environment, and motivation and emotion.
Note: Students who have already earned credits for PSYCH 101 may not register for this course.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 30-July 11, MW 10:00am-1:00pm
W-1-045, Staff, Class No 1676

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
W-1-056, S. Millman, Class No 1674

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
M-2-419, Staff, Class No 1675

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
M-1-210, Staff, Class No 1680

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-4:30pm
M-2-213, Staff, Class No 1679

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
M-2-616, Staff, Class No 1678

ONLINE, SESSION CEO
May 29-Aug 23
S. Conrad, Class No 1677
Special course fee: $850

INTRODUCTION TO BEHAVIORAL RESEARCH — PSYCH 102

An introduction to the ways of discovering, describing, and making warranted assertions about aspects of people and social life. The chief objectives are 1) to help students develop the skills and knowledge necessary to become intelligent critics of research in the behavioral and social sciences, and 2) to give them a rudimentary understanding of the design and evaluation of scientific research. Statistical material is treated in a conceptual manner. Classroom work and course examinations concentrate equally on research design and research evaluation.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
M-1-421, P. Nestor, Class No 1681

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
M-2-624, Staff, Class No 1682

PERSONALITY — PSYCH 200

Conceptions of human nature are examined in light of various theories of personality. This course focuses on the theories of Freud, Adler, Sullivan, Erikson, Kelly, Ego psychologists, and other theorists presenting the behavioristic and humanistic perspectives. Among the topics to be addressed are personality structure and its development; stress and coping; neurotic styles; and human motives and their measurement.
Prerequisite: PSYCH 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
M-2-213, D. Holowka, Class No 1683

MORNING/AFTERNOON, SESSION CE6
July 16-Aug 22, MW 10:00am-1:00pm
M-2-423, M. Parker, Class No 1684

ABNORMAL PSYCHOLOGY — PSYCH 215

This course examines the range of common psychological disorders, their characteristic symptoms, possible causes, and treatment. It takes a critical scientific approach to the criteria used to define psychological abnormality, the theories used to explain it, and the therapies used to treat it. Etiology, dynamics and treatment of psychopathology.
Prerequisite: PSYCH 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
M-2-428, J. DiCorcia, Class No 1685

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
M-2-616, Staff, Class No 1687

SOCIAL PSYCHOLOGY — PSYCH 230

A scientific attempt to understand and explain how the thought, feeling, and behavior of individuals are influenced by the actual, imagined, or implied presence of others; focuses on the drama of social interaction.
Prerequisite: PSYCH 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
M-1-420, E. Mongillo, Class No 1689

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
M-1-415, Staff, Class No 1690

ONLINE, SESSION CEO
May 29-Aug 23
M. Milburn, Class No 2149
Special course fee: $850

PSYCHOLOGY AND THE AFRO-AMERICAN EXPERIENCE — PSYCH 235

This course is an examination of theory and research, primarily by psychologists, that bears on the Afro-American experience. The course focuses on the psychological literature, but also draws upon other social science disciplines, case studies, and relevant works of fiction. Major topics of the course are the black family and child development, black identity and personality, black activism, and the dynamics of individual and institutional racism.
Prerequisite: PSYCH 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
Diversity Area: United States.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 30-July 11, MW 10:00am-1:00pm
M-1-418, J. Tauriac, Class No 2146

THE PSYCHOLOGY OF WOMEN — PSYCH 236

Psychological theories about women from Freud to the present are examined with emphasis placed on biological and sociocultural perspectives as they have influenced the development of a psychology of women. Special attention is paid to the developmental process and the unique issues and concerns of the female infant, adolescent, young adult, and older woman.
Prerequisite: PSYCH 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
Diversity Area: United States.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
M-1-617, R. Donovan, Class No 1691

EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
M-1-418, Staff, Class No 2145

ASIAN AMERICAN PSYCHOLOGY — PSYCH 238L

This course is an introduction to the psychological experience of Asian Americans, including the historical, sociopolitical, and cultural influences that shape personality and mental health in community, family, and individual contexts. The course also explores prevention and intervention possibilities through specific examples, such as trauma and intergenerational conflict, that are relevant for Asian American populations.
Distribution I Area: Social and Behavioral Sciences.
Diversity Area: United States.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 10:00am-1:00pm
M-1-428, Staff, Class No 2102

INFANCY AND CHILDHOOD DEVELOPMENT — PSYCH 241

This course explores human development from infancy to middle childhood, i.e., from childbirth to ages seven or eight. Major emphasis will be placed on early perceptual, cognitive, social and affective development bearing the following questions in mind: How does the world of space and objects appear to the infant? How does he or she acquire knowledge and discover reality? How does the child experience the world of people and develop a sense of self? How does the child develop attachments to others and what role is played by the significant people in his or her life?
Prerequisite: PSYCH 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
M-1-428, Staff, Class No 1692

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-4:30pm
M-1-415, Staff, Class No 1693

ADOLESCENCE **PSYCH 242**

This course is designed to acquaint students with psychological characteristics of adolescent development, theoretical approaches to adolescence, and experimental studies of the causes of a variety of behaviors during adolescence. The course also focuses on major problems and characteristics of adolescents in modern society.
Prerequisite: PSYCH 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
S-2-064, J. Hamilton, Class No 1694

THE PSYCHOLOGY OF ADULT DEVELOPMENT AND HUMAN AGING **PSYCH 243**

A development approach to human integrity and functioning in the second half of the life span. Stereotyped ideas about the aging process are critically reviewed. New approaches to facilitating psychological well-being in the latter years of life are given special attention.
Prerequisite: PSYCH 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 30-July 11, MW 10:00am-1:00pm
W-1-020, T. Dunne, Class No 2147

LEARNING AND MEMORY **PSYCH 250**

An introduction to current view of behavioral change, learning, and remembering. The course focuses on concepts, theoretical issues and applications of current research.
Prerequisite: PSYCH 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
M-1-420, G. Buchanan, Class No 1695

BEHAVIORAL NEUROSCIENCE **PSYCH 260**

An overview of the field of neuroscience. Selected topics are neuroanatomy, brain physiology, communication in the central nervous system, immunology, and psychopharmacology. This course also includes a critical discussion of various research techniques. One goal for students is to develop critical thinking skills, as consumers of scientific information.
Prerequisite: PSYCH 100 or 101, and either PSYCH 105 or a college-level biology course.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
M-1-617, Staff, Class No 1852

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-4:30pm
M-1-428, Staff, Class No 1974

STATISTICS **PSYCH 270**

The applied study of the scientific method in the behavioral sciences. Fundamental statistical concepts and techniques are surveyed and used, with primary emphasis on the logic underlying the use of descriptive and inferential tools in scientific inquiry. Topics include parametric and non-parametric statistics, e.g., correlation and analysis of variance.
Prerequisite: PSYCH 100 or 101.
Distribution I Area: Mathematics and Computer Languages.
Distribution II Area: Mathematics.
3 Credits, Course fee: $687, Lab fee: $15

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
M-2-423, G. Buchanan, Class No 1696

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
M-3-204, G. Buchanan, Class No 1697

SUBSTANCE ABUSE AND THE BRAIN **PSYCH 363**

This course examines commonly abused substances and their psychobiological effects. Accordingly, it surveys a variety of "street drugs"-from crack/cocaine marijuana, oxycodone "E" to inhalants-focusing on the interaction with the brain reward and stress systems. Also explored are gender/age interactions as they relate to propensity to "try" and abuse drugs, especially during adolescent years.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-4:30pm
M-1-417, S. Donaldson, Class No 2148

INTERNSHIP IN PSYCHOLOGY **PSYCH 430**

For mor information on internship opportunities, please contact the Psychology Department at 617.287.6350.

Study of Religion

SOCRATES, JESUS, BUDDHA **RELSTY 104**

A study of three great paradigmatic figures and the different ways of life and views of reality which they represented. Attention to the social-cultural contexts in which they emerged; critical evaluation of Socrates and Jesus as sources of Western values; and exploration of why the Buddha has recently become an attractive alternative.
Distribution I Area: Philosophical and Humanistic Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
W-1-040, M. Lafargue, Class No 1854

EAST ASIAN RELIGIONS: BUDDHISM AND TAOISM **RELSTY 232L**

This course focuses mainly on Taoism and Mahayana Buddhism, briefly touching on Hinduism, Confucianism, and Shinto. It situates the classical teachings of these traditions in their historical contexts in India and East Asia, compares them to other world views more prevalent in the West, and invites students to consider their possible relevance to life in the world today.
Distribution I Area: Philosophical and Humanistic Studies.
Distribution II Area: World Cultures.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
W-1-020, M. Lafargue, Class No 1703

RELIGIOUS AND MULTICULTURAL THEMES IN FILM **RELSTY 280**

This course is an introductory consideration of some of the ways "authenticity" of religious and of multicultural themes have been represented in popular films. How these themes have been represented as either central or background concerns within a sampling of films will be discussed and critically analyzed. Major concerns within the course include: how films have reflected and contributed to normative as well as critical approaches to religious, political, and social beliefs and practices; how history can be re-envisioned through film; methodological approaches to visual literacy and visual theory; and, the significance of race, ethnicity, class, sexuality, and gender in film representations.
3 Credits, Course fee: $687

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
W-1-048, S. Winborne, Class No 2150

Sociology

INTERNATIONAL PROGRAM
See Page 74

CARIBBEAN STUDIES SUMMER INSTITUTE: HISTORY, CULTURE & SOCIETY, PUERTO RICO AND THE VIRGIN ISLANDS

This five-week, six-credit program ANTH 274/478; SOCIOL 274/478) offers an interdisciplinary approach to the study of Puerto Rican and Caribbean society and culture.

INTRODUCTION TO SOCIOLOGY **SOCIOL 101**

The structure of society, cultural patterns, and group life. The individual and socialization, groups, institutions, social systems, and social change.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

MORNING, SESSION CE2
May 29-July 11, MTuWTh 8:15-9:45am
W-2-123, Staff, Class No 1713

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
W-2-125, R. Kefayati, Class No 1714

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 8:15-9:45am
W-2-124, R. Kefayati, Class No 1716

EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-054, B. Michels, Class No 1717

SOCIAL PROBLEMS **SOCIOL 160**

A course concentrating on institutional formation and change. Specifically, it covers the definition and explanation of social problems, individual, group and governmental responses to them, implications of social policy, in-depth case studies, and discussion of contemporary social problems.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE, SESSION CEO
May 29-Aug 23
M. Cordill, Class No 2213

CHILD ABUSE **SOCIOL 183**

This course addresses ways of decreasing the incidence of child abuse in our society, by providing students with a clearer understanding of child abuse as a social problem; with some grasp of the psychological complexities of child abuse, for the victim and the perpetrator; and with an awareness of Massachusetts laws dealing with child abuse.
1 Credit, Course fee: $229

EVENING, SESSION CE6
Aug 13-Aug 22, MW 6:00-9:00pm
W-1-020, M. Joy, Class No 1719

BATTERED WOMEN **SOCIOL 184**

This course focuses on legal, social, and emotional issues. Discussions examine such topics as the politics of battering and the thinking behind it; the practical problems faced by battered women; the social and legal remedies presently available and why their effectiveness is so limited; how the issue of violence against women finally came to the public's attention; how society has perpetuated the myths behind battering; how the processes that perpetuate the violence might be reversed. The course also considers shelters, direct action, and legal and legislative reform in this area, including controversial self-defense cases involving battered women who have killed abusive spouses or lovers.
2 Credits, Course fee: $458

EVENING, SESSION CE6
July 16-Aug 8, MW 6:00-9:00pm
W-1-037, M. Marusich-Smith, Class No 1718

YOUTH AND SOCIETY **SOCIOL 201**

An examination of theories and research on youth and society. Present day patterns of youthful development are contrasted to other types-both in Western history and in other cultures. The relationship of youth to major institutions (educational, legal, occupational) are examined in detail.
Prerequisite: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
W-2-056, T. Holland, Class No 1720

RACE AND POWER IN THE U.S. **SOCIOL 211G**

The focus of this course is a comparative look at three reparations movements: Japanese-American, African-American, and Native American. It addresses such issues as legislative and judicial strategies; and the historical and contemporary situations of these racial/ethnic groups in the context of race and power in US society. The course may be counted toward the major or minor in sociology. Capabilities addressed: Critical reading, critical thinking, clear writing, collaborative learning, information technology.
Prerequisites: ENGL 102, and a minimum of 30 credits. Degree Students Only.
Diversity Area: United States.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
W-1-045, M. Butts, Class No 1705

ASIANS IN THE UNITED STATES **SOCIOL 223L**

This multidisciplinary course examines the social, historical, and structural contexts defining the Asian-American experience from 1850 to the present. Topics include immigration, labor, community settlement, ethnicity, stereotypes, and race relations.
Distribution I Area: Historical and Cultural Studies.
Diversity Area: United States.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
W-2-127, Staff, Class No 2097

SOUTHEAST ASIANS IN THE UNITED STATES **SOCIOL 225L**

This course examines issues arising from the resettlement of one million Vietnamese, Cambodian, and Laotian refugees in the US since 1975. Topics include resettlement policies, adjustment and acculturation, changing roles of women and family, and the continuing impact of international politics. Media presentations and lectures by local Southeast Asian community leaders highlight the course.
Distribution I Area: Historical and Cultural Studies.
Diversity Area: United States.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-4:30pm
W-1-019, S. Tang, Class No 1768

THE FAMILY **SOCIOL 242**

A comparative and historical analysis of family systems. Emphasis on the development and the future prospects of the nuclear family in middle-class industrial society.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
W-2-056, A. Beckwith, Class No 1721

CRIMINOLOGY **SOCIOL 262L**

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.
Prerequisite: SOCIOL 101 and CRMJUS major or minor.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
W-2-198, D. Champion, Class No 2208

MORNING/AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 10:00am-1:00pm
W-1-019, M. Butts, Class No 2232

URBAN SOCIOLOGY — SOCIOL 311

The development of the city as a complex form of the human community. History and growth of urbanism in industrial societies and developing nations. Urban change and the problem of planning.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
W-1-043, M. Butts, Class No 2209

FAMILY VIOLENCE — SOCIOL 316

This course seeks to help participants develop a critical understanding of force and violence within the family structure. Emphasis is on violence between spouses, and between children and parents; and on the prevalence, the character, and the causes of such violence. Topics also include society's reaction to family violence, and its policies of control and treatment; and the sexual abuse and exploitation of children and women.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
W-1-042, M. Joy, Class No 1723

RACE AND ETHNIC RELATIONS — SOCIOL 321L

An examination of racial and ethnic relations in contemporary society, including the history and sociology of the immigration experience, bilingual education, the nature and character of discrimination, neighborhood change, and racial and ethnic conflict.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution II Area: Social and Behavioral Sciences.
Diversity Area: United States.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 10:00am-1:00pm
W-1-045, E. Schaefer, Class No 1706

ELEMENTS OF SOCIOLOGICAL THEORY — SOCIOL 341

Reading and discussion of basic sociological works in theory. Relevance of earlier and contemporary sociological interests and research.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
W-1-020, A. Beckwith, Class No 1724

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
W-2-056, Staff, Class No 1725

ELEMENTS OF SOCIAL STATISTICS — SOCIOL 350

Fundamentals of social statistics; special emphasis on probability, tests of significance, and measures of association.
Prerequisite: SOCIOL 101.
Distribution II Area: Mathematics.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE1
May 29-June 28, MTuWTh 11:45am-1:45pm
W-2-123, S. Movahedi, Class No 1726

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-4:30pm
W-1-060, R. Youngreen, Class No 1955

METHODS OF SOCIOLOGICAL RESEARCH — SOCIOL 351L

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.
3 Credits, Course fee: $687

MORNING, SESSION CE2
May 29-July 11, MTuWTh 8:15-9:45am
W-1-030, Staff, Class No 1707

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
W-1-019, Staff, Class No 1708

SOCIAL POLICY — SOCIOL 360

This course selects several important areas and issues within which to examine the development of social policy. Social policy perspectives on crime, housing, health, unemployment, and race and ethnic issues are among those considered. Central to this examination is how social problems are defined, and the implications of those definitions for the direction of social policy.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE6
July 16-Aug 22, MW 10:00am-1:00pm
W-1-020, T. Holland, Class No 2212

JUVENILE DELINQUENCY — SOCIOL 362

The nature and extent of delinquency. Consideration of theories, delinquent subculture, and programs for control and prevention.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
W-2-124, D. Champion, Class No 2210

CORRECTIONS — SOCIOL 363L

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern treatment approaches.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
W-1-019, J. Lageson, Class No 2234

MORNING/AFTERNOON, SESSION CE6
July 16-Aug 22, MW 10:00am-1:00pm
W-1-060, C. Menton, Class No 1709

DRUGS AND SOCIETY **SOCIOL 367**

This course examines the social origins and consequences of the use and abuse of consciousness-altering substances (including alcohol). It considers how society defines and deals with drug use and assesses social harm, including such issues as addictions and health effects, drugs and crime, the legislation debate, and drug policy and enforcement.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 30-July 11, MW 10:00am-1:00pm
W-2-124, A. Leverentz, Class No 1727

ONLINE COURSE
ONLINE, SESSION CE2
May 29-July 12
J. Struzziery, Class No 2206
Special course fee: $850

ALCOHOLISM: ETIOLOGY AND EPIDEMIOLOGY SOCIOL 368L

An in-depth interdisciplinary analysis of the nature, causes, and extent of alcoholism and problem drinking. Analysis of drinking patterns and drinking problems cross-culturally and among subgroups in the population such as women, prison inmates, the elderly, and homeless people.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
W-1-053, M. Joy, Class No 1710

ONLINE COURSE
ONLINE, SESSION CEO
May 29-Aug 23
S. Hartwell, Class No 1932
Special course fee: $850

THE SOCIOLOGY OF GENDER **SOCIOL 382**

This course analyzes the sociological determinants and consequences of gender-that is, how societies assign specific expectations, advantages, and disadvantages to people on the basis of the biological fact of their sex. It examines the inequality between men and women that is a feature of the structure of many societies, as well as the social-psychological dimensions influencing individual behavior.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution II Area: Social and Behavioral Sciences.
Diversity Area: United States.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 30-July 11, MW 10:00am-1:00pm
W-2-125, R. Gomolin, Class No 2211

INTERNSHIP IN LAW AND CRIMINAL JUSTICE **SOCIOL 461L**

Internships are available with permission of the department. For more information, please contact Professor Ed Stern at 617.287.6250 or ed.stern@umb.edu.

THE POLICE IN SOCIETY **SOCIOL 465L**

An examination of police as a system of social control; a survey of major studies of police by sociologists and government commissions. Emphasis placed on police organization, patterns and consequences of police training, historical and cross-cultural perspectives of police systems and studies of police discretion and police-citizen interaction.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 30-July 11, MW 10:00am-1:00pm
W-1-060, L. Hansen, Class No 1978

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
W-2-124, C. Menton, Class No 1711

THE SOCIOLOGY OF LAW **SOCIOL 467L**

A general analysis of the social origins and consequences of law and legal process; special emphasis on law as a method of conflict resolution and as a social control structure, and on law and social change. Attention also given to law in other societies, including non-literate societies, to the evolution and development of legal structures, and to patterns of due process and criminal law.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
W-1-048, R. Tyler, Class No 1712

Spanish

INTERNATIONAL PROGRAM
See Page 76

SPANISH LANGUAGE AND CULTURE IN CUERNAVACA, MEXICO
Earn up to six credits in Spanish while experiencing Mexican culture in in the beautiful city of Cuernavaca.

ELEMENTARY SPANISH I **SPAN 101**

Designed for students with little or no background in the Spanish language, Spanish 101 focuses on the acquisition of basic listening, speaking, reading, and writing skills within a cultural framework. Weekly laboratory attendance and assignments required. Students may not take both SPAN 101 and 105.
Prerequisite: The instructor reserves the right to place you in the appropriate course level.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Course fee: $916, Lab fee: $25

AFTERNOON, SESSION CE1
May 29-June 28, MTuWTh 2:00-4:00pm
M-2-428, I. Manso, Class No 1731

MORNING, SESSION CE2
May 29-July 11, MTuWTh 10:00-11:30am
M-1-616, C. Chittkusol, Class No 1729

EVENING, SESSION CE2
May 29-July 11, TuWTh 6:00-8:00pm
M-2-213, A. Mogavero, Class No 1730

ONLINE COURSE
ONLINE, SESSION CEO
May 29-Aug 23
P. Chouinard, Class No 1732
Special course fee: $1080, $25 Lab fee

ELEMENTARY SPANISH II **SPAN 102**

A continuation of Spanish 101. Spanish 102 focuses on furthering the acquisition of basic listening, speaking, reading, and writing skills within a cultural framework. Weekly laboratory attendance and assignments required.
Prerequisite: Span 101 or equivalent.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Course fee: $916, Lab fee: $25

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 10:00-11:30am
M-2-624, M. Schafer, Class No 1733

AFTERNOON, SESSION CE4
July 5-Aug 2, MTuWTh 2:00-4:00pm
M-2-624, Staff, Class No 1735

EVENING, SESSION CE6
July 17-Aug 23, TuWTh 6:00-8:00pm
M-2-428, C. Chittkusol, Class No 1734

ONLINE COURSE
ONLINE, SESSION CEO
May 29-Aug 23
M. Berte, Class No 1736
Special course fee: $1080, $25 Lab fee

INTERMEDIATE SPANISH I **SPAN 201**

This course is designed for students who have completed one year of Spanish at the university level. Spanish 201 is dedicated to develop oral and written proficiency through lectures, conversations, compositions and the practical application of grammar. This course is taught primarily in Spanish.
Prerequisite: The instructor reserves the right to place you in the appropriate course level.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
3 Credits, Course fee: $687, Lab fee: $25

EVENING, SESSION CE1
May 29-June 28, MTuWTh 6:00-8:00pm
M-1-612, I. Manso, Class No 1739

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
W-1-062, Staff, Class No 1738

INTERMEDIATE SPANISH II **SPAN 202**

A continuation of Spanish 201. Spanish 202 is dedicated to further develop oral and written proficiency through lectures, conversations, compositions and the practical application of grammar. This course is taught primarily in Spanish.
Prerequisite: The instructor reserves the right to place you in the appropriate course level.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
3 Credits, Course fee: $687

EVENING, SESSION CE4
July 5-Aug 2, MTuWTh 6:00-8:00pm
M-1-612, Staff, Class No 1741

MORNING/AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 10:00am-1:00pm
M-1-417, D. Mansilla, Class No 1740

ADVANCED READING, WRITING, AND SPEAKING **SPAN 301**

Course designed to help improve reading, writing and oral skills in Spanish. Individual reports on current evens and class discussion of contemporary literature and films are used to develop oral skills. Practice in reading skills includes analysis of short stories, plays, poems, novels and newspaper articles. Written expression is strengthened through writing essays, journal entries and reviews.
Prerequisite: The instructor reserves the right to place you in the appropriate course level.
Distribution II Area: World Languages.
3 Credits, Course fee: $687

EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
M-2-419, Staff, Class No 1742

Women's Studies

WOMEN, CULTURE AND IDENTITY **WOST 150**

This course explores cultural beliefs about women's "nature" and role at different times and places, drawing on materials from literature, including fiction and autobiography, and from history and feminist analysis. Using a thematic rather than a chronological approach, the course will focus on the ways in which intersection of race, class and gender affects the lives and self-concepts of women, in the U.S. and in other societies in the world.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Humanities.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
W-1-052, C. Maley, Class No 2157

WOMEN AND THE MEDIA **WOST 220**

This course explores how the historical evolution and commercial orientation of mass communications media have helped shape the depiction of women and gender in advertising, entertainment, and news. Students learn to analyze visual imagery for its conceptual and emotional messages; to distinguish stereotypes from more complex characterizations in TV fictions; and to monitor the representations of women and gender in the print and broadcast news.
Distribution I Area: The Arts.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
W-1-048, K. Lindsey, Class No 1744

WOMEN'S HEALTH CARE **WOST 260**

This course focuses on women's concerns in relation to health. Topics include health issues unique to women (such as birth control, pregnancy, childbearing); nutrition; occupational health; health and aging; women as health workers; and the history, activities, and influence of the women's health movement.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $850

ONLINE COURSE

ONLINE, SESSION CEO
May 29-Aug 23
M. Cordill, Class No 1745

UNDERGRADUATE COURSES: College of Management

The College of Management (CM) offers courses in four main areas: Accounting and Finance, Business Communications, Management and Marketing, and Management Science and Information Systems. All CM offerings appear below, grouped according to these areas.

Eligibility for Enrollment

1. Any CM student may register for any CM course provided all prerequisites have been met.

2. The following courses are open to non-CM and non-degree students beginning April 2: AF 201; MGT 130; MSIS 105, 121, 123, 124, and 224.

3. The following courses are reserved for CM students only: BC 290 and MGT 490.

4. Other CM undergraduate courses will be opened to non-CM and non-degree students beginning April 30 on a space-available basis, provided that all prerequisites have been met. (Depending on CM student enrollment, some courses may be restricted to Management students only.) Non-degree students will need a current official college transcript, a course description of the prerequisite course taken and, if applicable, verification of current registration in prerequisite courses. This material must be reviewed and approved by the CM Undergraduate Center (located on the 5th floor of McCormack Hall, room 603). A student wishing to register in person for CM courses should call the Undergraduate Center at 617.287.7760 for advisor availability. The office is open Monday through Thursday, 8:30am-6:00pm, and Friday, 8:30am-5:00pm. Information may also be found at www.management.umb.edu/undergrad/undergrad_policies.php.

5. CM courses will have waitlists once they fill. The only way to be notified about your waitlist status is to check your UMB email account. Students should activate their email account (if they have not already done so) in the Customer Service Center (Campus Center, Upper Level) immediately in order to receive any waitlist information. Non-degree students are not eligible to be placed on the waitlist.

Internship

The internship course is designed for College of Management students who want to earn academic credit for their internship. To earn academic credit for an internship, students must attend class and complete the required assignments.

Internships allow students to exercise and enhance skills and abilities, to gain new perspectives on career goals, and to further their personal and professional development. Internship positions may relate to any of the management concentrations and may be paid or unpaid.

For detailed information regarding CM internships and the 480 course, you should visit the management website in the CM Career Services link: www.management.umb.edu. You may also contact the College of Management Undergraduate Program Office for information.

To register for the internship course you need to submit both an offer letter from your internship employer and the internship job description along with your summer registration form to the College of Management Undergraduate Program Office. (Note: You cannot simply use your current job or company for an academic internship.)

Prerequisites for College of Management internships:
a) a minimum of 75 credits and 2.5 overall GPA
b) completion of at least one concentration course
c) permission of the College of Management Career Center
d) be hired for an internship for a minimum of 15 hours per week.

INTERNSHIP COURSE - AF 480, MGT 480, MKT 480, MSIS 480

EVENING, SESSION CE2
May 29-July 12, MW 6:00-9:00pm
M-2-415, Staff, Class No 1875 (AF 480); 1898 (MGT 480); 1928 (MKT 480); 1615 (MSIS 480)

Accounting and Finance

PERSONAL FINANCE **AF 201**

Introduces students to planning and managing personal and family finances. Topics include financial planning and budgeting, banking and borrowing, making major purchases like a home or car, insuring against risk, investing, and tax, retirement and estate planning. This course cannot be counted toward the finance or accounting concentrations of the College of Management.
3 Credits, Special course fee: $850

ONLINE, SESSION CEO
May 29-Aug 23
E. Hayden, Class No 2038

FINANCIAL ACCOUNTING **AF 210**

Presents the theory and techniques of financial accounting. The course encompasses the basic functions of collecting, processing, and reporting accounting information for interested third parties (e.g., owners, investors, and government) and enables students to analyze, interpret, and use accounting information effectively.
Prerequisite: 30 credits.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 30-July 11, MW 10:00am-1:00pm
M-1-417, Staff, Class No 1872

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
M-1-417, J. Swanson, Class No 1871

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
M-2-419, A. Vogel, Class No 1876

MANAGERIAL ACCOUNTING **AF 211**

Presents the theory and technique of managerial accounting, from the particular perspective of the manager. The course covers the identification and analysis of the behavior of costs within the organization, and illustrates how managers use such knowledge for planning and control. Major topics include responsibility accounting, comprehensive and cash budgeting, standard job order and process cost systems, cost-volume-profit analysis, cost allocation, activity-based costing, standard costs, and variance analysis.
Prerequisite: AF 210 and a minimum of 30 credits.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
M-1-418, Staff, Class No 1873

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
M-2-213, A. Vogel, Class No 1877

EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
M-3-204A, J. Swanson, Class No 1878

INTRODUCTION TO FINANCIAL MANAGEMENT **AF 301**

Introduces financial management (both short-term and long-term), specifically what an organization invests in, and how the necessary funds are best raised; the course also acquaints students with various kinds of securities and the operation of financial markets and institutions. Specific topics include working capital management, financial markets and institutions, the time value of money and capital budgeting, the cost of capital, financial leverage and capital structure, and dividend policy.
Prerequisites: AF 211 and 60 credits.
Enrollment restricted: See note under Management above.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
M-1-212, A. Bandopadhyaya, Class No 1874

MORNING/AFTERNOON, SESSION CE6
July 16-Aug 22, MW 10:00am-1:00pm
M-3-617, M. Konan, Class No 1879

ACCOUNTING FOR NON-BUSINESS ORGANIZATIONS **AF 433**

Develops the specialized knowledge of finance and accounting necessary for the successful financial management of such non-business organizations as governmental agencies, foundations, hospitals, and universities. The course particularly stresses fund accounting as well as the accounting principles appropriate to such organizations.
Prerequisites: AF 310 and a minimum of 60 credits.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 30-July 11, MW 10:00am-1:00pm
M-3-617, T. Hogan, Class No 1418

Business Communications

FUNDAMENTALS OF BUSINESS COMMUNICATION AND CRITICAL ANALYSIS **BC 230**

This course provides rigorous instruction in the basics of written and oral communication for managers. Instruction will focus on necessary writing, analytical reading, and critical thinking required in business. This is a writing-intensive course preparing students for the challenges of BC 290. Additionally, the course is devoted to improving students' verbal skills in articulation, presentation skills, and confidence in sharing ideas in class.
Prerequisite: ENGL 101.
3 Credits, Course fee: $687

MORNING, SESSION CE8
May 29-Aug 23, TuTh 10:00-11:30am
M-2-213, Staff, Class No 2163

PROFESSIONAL WRITTEN COMMUNICATION AND CRITICAL ANALYSIS **BC 290**

This course offers instruction and practice in written business communication and critical analysis. The course emphasized clarity and coherence in case analyses, and focuses on professionalism within written business communication. Students work on appropriate delivery of information via a range of business letters, resumes, and cover letters. It is required of all students in the College of Management.
Prerequisite: ENGL 102 and 30 or more credits.
3 Credits, Course fee: $687

MORNING, SESSION CE8
May 30-Aug 22, MW 10:00-11:30am
M-2-213, Staff, Class No 2165

MORNING, SESSION CE8
May 29-Aug 23, TuTh 8:15-9:45am
M-2-213, Staff, Class No 2164

COMMUNICATION, NEGOTIATION, AND CONFLICT INTERACTIONS — BC 295

An interactive class designed to raise students' confidence in business communication and prepare them for a variety of speaking engagements. They will learn negotiation and conflict resolution strategies and become persuasive, organized, and diplomatic in the delivery of information, even during stressful and challenging situations. The course also addresses the cultural norms, procedures, and customs appropriate for a professional business setting. By the end of the course, students will have a strong grasp of how to present themselves in interviews, meetings, conference, one-on-one interactions, and other relevant business ventures.
3 Credits, Course fee: $687

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
M-1-428, Staff, Class No 2166

Management

INTRODUCTION TO BUSINESS — MGT 130

Familiarizes students with the nature of business and its relationship to other institutions in society. The course examines business ownership, organization, management, marketing, human resources management, production, and finance. In addition, the course explores issues in the relationships between capitalism and business, the law and business, and government and business.
3 Credits, Special course fee: $850

ONLINE, SESSION CE2
May 29-July 12
E. Romar, Class No 1892

MANAGING ORGANIZATIONS — MGT 303

Examines theory, research, and practice in the management of organizations. Students learn to make use of analytical tools for recognizing, diagnosing, and acting on managerial problems related to organizations, to their objectives, and to the development of human resources. The course emphasizes topics at the macro level, such as organizational analysis and design, and at the micro level, such as managerial behavior, motivation, and interpersonal relations.
Prerequisite: BC 290 or ACM 299 and a minimum of 60 credits.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
M-1-428, Staff, Class No 1893

MORNING/AFTERNOON, SESSION CE6
July 16-Aug 22, MW 10:00am-1:00pm
M-3-204, Staff, Class No 1899

BUSINESS ENVIRONMENTS AND PUBLIC POLICY — MGT 330

Examines the interaction of business and government in the contemporary public policy process in the United States. The course helps students become familiar with the private sector's effect on the public sector as well as the public's effect on the private. It also examines how government promotes, regulates, and competes with private enterprise.
Prerequisite: BC 290 (or ACM 299) and a minimum of 60 credits.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
M-3-204, Staff, Class No 1894

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
M-1-418, K. Wever, Class No 1895

MANAGERIAL ETHICS AND SOCIAL ISSUES — MGT 331

Examines the kinds of ethical principles (e.g., justice, equality, rights and obligations, and the public interest) generally offered in justification of ethical judgments. Students learn to apply these principles to the social and economic issues that managers face, such as pollution, safety, discrimination, and fiduciary and product responsibilities. The course includes a research paper on an ethical problem in management.
Prerequisite: MGT 303 and 60 credits.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
M-1-417, K. Wever, Class No 2161

EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
M-1-417, Staff, Class No 1947

ONLINE, SESSION CE2
May 29-July 12
E. Romar, Class No 1896
Special course fee: $850

MANAGING IN THE GLOBAL ECONOMY — MGT 434

This course is designed to familiarize students with the world of international business. It introduces students to the special problems and issues firms encounter by virtue of operations abroad. It focuses on such concerns as relationships with host governments, and the complexities of planning, communicating, and controlling in the international arena.
Prerequisite: MGT 303 and 60 credits.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
M-2-616, W. Machanic, Class No 1897

STRATEGIC MANAGEMENT **MGT 490**

Focuses on the organization as a whole from a perspective that takes into account both the role of top management and the future of the organization. The course is designed to be the capstone course in the student's College of Management curriculum. It develops an approach for identifying the mission of the organization, exploring its external environment for opportunities and risks, and relating these to internal strengths and weaknesses. This course is required of all College of Management students.

Prerequisites: AF 210, AF 211, AF 301, MGT 303, MGT 330, MGT 331 (MGT 331 and MGT 490 may be taken concurrently), MKT 301, MSIS 301. This course is open only to CM students graduating in August 2007. By permission of department.

3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
M-1-608, Staff, Class No 1610

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
M-1-608, Staff, Class No 1611

Management and Marketing

PRINCIPLES OF MARKETING **MKT 301**

Develops students' understanding of marketing principles underlying the selection and assessment of markets, and the development and delivery of products and services.

Prerequisite: BC 290 (or ACM 299) and a minimum of 60 credits. This class is open to CM students only (non-CM students can put in a Registration request starting 1/8/07).

3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
M-1-418, Staff, Class No 1926

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
M-1-213, M. Machanic, Class No 1927

RETAILING IN THE INTERNET AGE **MKT 404**

Retailing goods and services to consumers has always taken a wide variety of forms, from the single-unit entrepreneurial enterprise to the shopping mall to the regional or national chain. In recent years shopping on the Internet has been added to the options available to the retail customer. This course covers all aspects of traditional retail marketing from site selection to merchandising policies to evaluation of effectiveness. It pays special attention to the new techniques and strategies required for business to consumer e-commerce and to the challenges presented by the need to integrate e-tailing into existing retail businesses.

Prerequisite: MKT 301 and 60 credits.

3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-4:30pm
M-1-210, Staff, Class No 1929

Management Science and Information Systems

INTRODUCTION TO INFORMATION SYSTEMS **MSIS 105**

Introduces computers, information systems, and their use in society for students with minimal prior knowledge in this area. Topics includes overviews of current information technology concepts and components, the Internet, and productivity software tools. The course offers an extensive hands-on component in the use of current technology. This course cannot be counted toward the management information systems or management science concentration in the College of Management.

3 Credits, Special course fee: $850

ONLINE, SESSION CEO
May 29-Aug 23
V. Chiachio, Class No 2162

INTRODUCTION TO COMPUTERS AND INFORMATION SERVICES **MSIS 110**

Introduces systems thinking principles, computers, information systems, and their use in business decision making. Topics include management information systems concepts and components, issues involving information management, productivity software tools. The course offers an extensive hands-on component in the use of state-of-the-art technology.

3 Credits, Special course fee: $727

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
M-1-415, S. Mathiyalakan, Class No 1900

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
M-2-415, V. Chiachio, Class No 1903

MANAGERIAL STATISTICS **MSIS 111**

Provides the student with the basic statistical techniques needed for business decision making in areas such as operations management, quality improvement, marketing research, finance, and general management. The course examines collection and presentation of data, frequency distributions, basic probability, statistical inference, and regression. Students use statistical software for data presentation and analysis.

Prerequisite: MATH 129. Corequisite: MSIS 110.

3 Credits, Special course fee: $727

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-4:30pm
M-2-621, G. Corzine, Class No 1612

MANAGERIAL DECISION MAKING — MSIS 212

Provides the student with knowledge of more advanced decision making tools, building upon the skills developed in MSIS 110 and MSIS 111. The emphasis of this course is on using management information systems and quantitative analysis tools to improve the quality of managerial decision making. Topics include decision theory and analysis, optimization, simulation, and forecasting. Students use advanced functions in spreadsheet packages and decision support software for analysis of practically oriented problems in various management settings.

Prerequisites: MSIS 110 and one of the following: MSIS 111, MATH 125, ECON 205, PSYCH 270, SOCIOL 350.
3 Credits, Special course fee: $727

MORNING/AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 10:00am-1:00pm
M-3-204, Staff, Class No 1904

ONLINE COURSE
ONLINE, SESSION CEO
May 29-Aug 23
M. Stone, Class No 1905
Special course fee: $850

SYSTEMS SECURITY — MSIS 223

An overview of information systems security, with applications. Topics addressed include a mix of Access Control Systems and Methodology, Telecommunications and Networking Security, Security Management Practices, Application and Systems Development Security, Cryptography, Security Architecture and Models, Operations Security, Business Continuity and Disaster Recovery Planning, Systems Security Law and Ethics, and Physical Systems Security.
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE, SESSION CEO
May 29-Aug 23
G. Kelley, Class No 2297

OPERATIONS MANAGEMENT — MSIS 301

Introduces the student to the concepts and techniques used by organizations to support their fundamental task of producing goods and services. This course includes a balanced view of the manufacture of tangible goods and the production of less-tangible services. Topics covered include product and process strategy, quality management, production planning for manufacturing and for service organizations, and inventory management. The course also includes an examination of the interactions of operations management, quantitative decision making techniques, and information technology. Students use management science techniques and software to examine a wide variety of operations management problems.
Prerequisites: MSIS 110, MSIS 111 (or equivalent), and 60 credits.
3 Credits, Special course fee: $727

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
M-3-617, D. Shimshak, Class No 1901

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
M-3-617, D. Shimshak, Class No 1902

CLIENT/SERVER PROGRAMMING — MSIS 310

Introduces students to graphical/visual programming concepts using Visual Basic and Microsoft Windows Environment. The course will expose the students to both procedural and event-driven programming; it will also introduce component-based client/server implementation.
Prerequisites: MSIS 110 and 60 credits. MGT students only.
3 Credits, Special course fee: $727

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
M-1-420, O. Gutierrez, Class No 1613

COMPUTER NETWORKS FOR MANAGEMENT — MSIS 414

Familiarizes students with the rapidly evolving technology in the areas of data, video, and voice communication. The course studies managerial issues relating to the use and management of advanced communication technology. Students learn how to exploit the technology for business purposes such as producing innovative services, improving quality, reducing cost, and providing real-time customer service. The relevance of Internet use in business applications is demonstrated. HTML is used to illustrate the development of Internet applications. The course helps develop an ability to manage new technologies of 1990's such as ISDN, advanced intelligent networks, multimedia, fiber optics, and virtual networks towards goals such as growth and portability.
Prerequisite: MSIS 110 and 60 credits.
3 Credits, Course fee: $727

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
M-1-208, J. Kuilboer, Class No 1614

UNDERGRADUATE COURSES: College of Nursing & Health Sciences

Exercise & Health Sciences

INTRODUCTION TO NUTRITION **EHS 150**

This course examines ways in which nutrition promotes health, influences disease, and affects exercise and sports performance. A major goal is to have students better understand the role that nutrition plays in their own health. Participants evaluate popular diets and dietary supplements, examine current nutrient recommendations, and acquire confidence in making sensible nutrition recommendations.
Prerequisite: EHS and NURSNG students only.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
M-2-616, D. Wein, Class No 1558

FITNESS AND WELLNESS **EHS 160**

Students completing this course will be able to plan and develop a personal physical fitness plan and learn about physical fitness as it relates to health and well being. Students will also learn to set fitness related goals and articulate the aims and objectives of instruction in various fitness related activities, included but not limited to weight training, aerobic fitness using a number of modes such as walking and jogging, and an introduction to the regulation of healthy body weight. Emphasis will be on analyzing and designing fitness related activities with a consideration of safety issues and articulating carry over skills to aid in increasing the quality of life. This is a fundamental course that introduces students to the basic principles of fitness.
Prerequisite: EHS students only.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
M-1-210, B. Bailey, Class No 1917

Nursing

RESEARCH **NURSNG 320**

This course provides an overview of the scientific research process and the place of the nurse in that process. The course focuses on basic research concepts and methods. The student is prepared to evaluate nursing research and analyze it for its applicability to nursing practice.
Prerequisite: NURSNG 201, 220, 226, 310, 312, 314 and Statistics. Generic NURSNG students only, by permission of department.
Corequisite: NURSNG 332, 335, and 345.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 10:00am-1:00pm
M-1-428, S. Cannon, Class No 1635

PROFESSIONAL ISSUES IN NURSING **NURSNG 360**

This is the first nursing course in the RN-BS Online Program. It is an intermediate seminar designed to assist registered nurses to develop the critical reading, writing and thinking skills necessary for successful university level study. Issues that significantly influence professional practice and nursing leadership are explored utilizing the above skills.
Prerequisite: RN-to-BS students only. By permission of department.
6 Credits, Special course fee: $1700

ONLINE COURSE
ONLINE, SESSION CEO
May 29-Aug 23
Staff, Class No 1636

HEALTH ASSESSMENT AND PROMOTION **NURSNG 361**

This course focuses on the complete health assessment, the nursing process, and its relationship to the prevention and early detection of disease in clients across the life span. This course introduces processes of health assessment: interviewing, history-taking, and physical assessment. Dominant models, theories, and perspectives are used to explain health behaviors and are considered in relation to evidence-based health promotion and health education strategies. Students are also expected to identify and apply pathophysiological principles to selected health issues across the lifespan. The course includes a laboratory component complemented by self-directed computer-assisted instruction. Incorporated throughout the course is the importance of communication and collaboration across culturally diverse urban populations.
Prerequisite: RN-to-BS students only. By permission of department.
6 Credits, Special course fee: $1700

ONLINE COURSE
ONLINE, SESSION CEO
May 29-Aug 23
Staff, Class No 1637

NURSING RESEARCH AND INFORMATION NURSNG 362

This course provides an overview of scientific research and nursing informatics. The course focuses on the interface of theory, research, and electronic technologies used in data acquisition, information management, and knowledge development. Emphasis is placed on ethical, theoretical, and methodological issues raised when studying and documenting the health-related quality of life of urban populations and on the application of electronic networks in multidisciplinary healthcare delivery.

Prerequisite: RN-to-BS students only. By permission of department.

6 Credits, Special course fee: $1700

ONLINE, SESSION CEO
May 29-Aug 23
Staff, Class No 1835

COMMUNITY HEALTH NURSING FOR RNS NURSNG 461

The course enables students to perform complex, comprehensive interventions designed to improve public and community health care in the evolving health care system. Nursing practice is directed toward communicating effectively and working collaboratively with diverse urban communities and healthcare infrastructures to deliver quality, cost-effective and accessible health across the life span. Students will utilize information technology to generate empirical and theoretical knowledge bases for decision-making, critical thinking, designing and evaluation health care programs and outcomes. Students will assess and demonstrate accountability for self-learning needs when engaged in developing and advocating for programs designed to promote the health of vulnerable and other diverse urban populations.

Prerequisite: RN-to-BS students only. By permission of department.

6 Credits, Special course fee: $1700

ONLINE, SESSION CEO
May 29-Aug 23
Staff, Class No 1836

LEGAL, ETHICAL AND HEALTH POLICY AND CAPSTONE RNS NURSNG 462

This course is the capstone for students in the online RN-BS program. This course enables students to analyze complex nursing issues from a legal, ethical, and political approach. This perspective will serve to guide health professionals to socially responsible practice and collaboration within the changing health care environment. In addition, the course conducts critical analyses of contemporary urban health and policy issues affecting individuals across the lifespan. The impact of the complex socio-political environments on how the health care system evolved and is continually reformed is explored. Different health issues and policies including communication, advocacy, and ethical concerns of access, quality, and cost will be examined. The ethical, legal and policy issues surrounding healthcare disparities will be examined. Students will use information technology to generate empirical and theoretical knowledge bases for decision-making, critical thinking and evaluation of health care policies and their outcomes.

Prerequisite: NURSNG 461. By permission of department.

6 Credits, Special course fee: $1700

ONLINE, SESSION CEO
May 29-Aug 23
Staff, Class No 2125

UNDERGRADUATE COURSES: College of Science & Mathematics

Academic Skills Program

MATH SKILLS WITH ALEKS

For anyone preparing for college level mathematics courses (Math Q114, Quantitative Reasoning, or Math 115, College Algebra), this course will minimize the time and cost to you in achieving your goal, whether you are learning the material for the first time or refreshing underused math skills.

Class meets daily in a lab which utilizes the computer aided, web-based math instruction program named ALEKS. This program provides an assement of a student's math skills, generating an individualized learning plan based on the data. In class, mathematics faculty are always present to assist students and to offer additional help understanding concepts. Being web-based, ALEKS allows students to continue their work anywhere there is a computer with an Internet browser.

Register for whichever Math Skills course (see list below) is indicated by your Math Placement Test results.

PRE-ALGEBRA MATHEMATICS — MATHSK 097

This course aims to overcome students' fears of mathematics. It builds self-confidence through successful mathematics skill development and problem solving. It lays a mathematical foundation for the study of algebra and exposes students to the kinds of quantitative reasoning encountered in the social and physical sciences. Topics include whole numbers; fractions; decimals; percents; signed numbers; graphing; dimensional analysis; English and metric measurement; perimeter, area, and volume; mean, median, and mode; simple interest; and formulas.
Prerequisite: Appropriate scores on the Math Placement Test or permission of instructor.
3 Credits, Course fee: $687

MORNING, SESSION CE2
May 29-July 11, MTuWTh 8:15-9:45am
H-UL-0041, M. Pawlak, Class No 1605

FUNDAMENTALS OF ALGEBRA — MATHSK 098

A course for students who never studied algebra in high school, or who studied it long ago or ineffectively. Introduction to algebraic notation and concepts so that students will be successful in math, and in introductory physical and social science courses. Development of successful study and test-taking techniques. Algebraic expressions-simplification, combination, and evaluation; linear equations-solving, graphing, and using them to solve word problems; exponents, scientific notation, and proportions.
Prerequisite: Appropriate scores on the Math Placement Test or permission of instructor.
3 Credits, Course fee: $687

MORNING, SESSION CE2
May 29-July 11, MTuWTh 8:15-9:45am
H-UL-0041, M. Pawlak, Class No 1606

INTERMEDIATE ALGEBRA — MATHSK 099

For students with a weak math background who want to develop skills for further work in mathematics or science courses. Covers basic high school mathematics. Topics include multiplying and factoring polynomials, linear equations and straight lines, fractional exponents and radicals, ratios of polynomials, quadratic parabolas, systems of simultaneous linear equations, and word problems. Generally limited to students with fewer than 3 years of high school math preparation.
Prerequisite: Appropriate scores on the Math Placement Test or permission of instructor.
3 Credits, Course fee: $687

MORNING, SESSION CE2
May 29-July 11, MTuWTh 8:15-9:45am
H-UL-0041, M. Pawlak, Class No 1607

Biochemistry

BIOCHEMISTRY I — BIOCHM 383

In the first of a two semester sequence, the chemistry of life processes is discussed in terms of structure and biological function of proteins, nucleic acids, carbohydrates, lipids, and other cellular components. Special emphasis is given to protein structure and function, enzymology, carbohydrate metabolism, transport mechanisms, energy transformations, and photosynthesis. It is recommended that BIOCHM 385 be taken concurrently.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 30-July 11, MW 1:30-4:30pm
S-1-006, T. Ashok, Class No 1442

BIOCHEMISTRY II — BIOCHM 384

In the second of a two-semester sequence, discussion of cellular function is continued. The topics are biochemistry and synthesis of nucleic acids and proteins, structural motifs in protein folding, metabolism of lipids and amino acids, nitrogen fixation, molecular immunology, hormones, ion channels, neurochemistry, biological applications of nuclear resonance and biochemical evolution.
Prerequisites: BIOL 210 or 252, and BIOCHM 383.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
S-2-065, K. Stieglitz, Class No 2103

Biology

COASTAL ECOLOGY **BIOL 100**

This marine biology course serves as an introduction to field research methods and will familiarize students with the flora and fauna of the unique island of Nantucket.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Special course fee: $1025

NANTUCKET
Aug 6-Aug 17, By arrangement
For more info, please contact Greg Beck at greg.beck@umb.edu.

THE BASIS OF LIFE **BIOL 101**

The uniqueness of life within the physical universe. The matter and energy of life, the genetic code, molecular biology, and the origin and evolution of life. An overview for students in the humanities and social sciences of those features which distinguish living organisms from non-living things. No background in the natural sciences is required.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $687

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
W-2-124, Staff, Class No 1443

INTRODUCTION TO NUTRITION **BIOL 108**

Introduction to the elements of nutrition with emphasis on nutrition for humans; examination of food stuffs and nutritional quality, physiology of food utilization, food quality regulations, and the global ecology of food production. No background in the natural sciences is required.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE2
May 30-July 11, MW 10:00am-1:00pm
S-2-065, A. Bradley, Class No 1445

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
S-2-065, G. Wilkes, Class No 1446

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
S-1-006, R. Whitehouse, Class No 1447

GENERAL BIOLOGY I **BIOL 111**

An integrated course stressing the principles of biology. Life processes are examined primarily at the molecular and cellular levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
4 Credits, Course fee: $916, Lab fee: $75

MORNING, SESSION CE2
May 29-July 11, MTuWTh 10:00-11:30am
M-3-204, Staff, Class No 1448

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
S-1-006, Staff, Class No 1449

LAB: AFTERNOON, SESSION CE2
May 30-July 11, MW 12:00-3:00pm
Room TBA, Staff, Class No 1450

LAB: AFTERNOON, SESSION CE2
May 30-July 11, MW 12:00-3:00pm
Room TBA, Staff, Class No 1451

LAB: EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
Room TBA, Staff, Class No 1452

LAB: EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
Room TBA, Staff, Class No 1453

GENERAL BIOLOGY II **BIOL 112**

An integrated course stressing the principles of biology. Life processes are examined primarily at the organismal and population levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses.
Prerequisite: BIOL 111.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
4 Credits, Course fee: $916, Lab fee: $75

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 10:00-11:30am
S-2-065, A. Toto, Class No 1455

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
S-2-064, Staff, Class No 1456

LAB: AFTERNOON, SESSION CE6
July 16-Aug 22, MW 12:00-3:00pm
Room TBA, Staff, Class No 1457

LAB: AFTERNOON, SESSION CE6
July 16-Aug 22, MW 12:00-3:00pm
Room TBA, Staff, Class No 1458

LAB: EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
Room TBA, Staff, Class No 1460

LAB: EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
Room TBA, Staff, Class No 1459

ANATOMY AND PHYSIOLOGY I **BIOL 207**

A study of the human organism, correlating structure and physiological mechanisms. Emphasis on skin, the special senses, and the skeletal, articular, muscular, nervous, and endocrine systems. Required of nursing and human performance and fitness majors.
Distribution I Area: Natural Sciences.
4 Credits, Course fee: $916, Lab fee: $75

MORNING, SESSION CE1
May 29-June 28, MTuWThF 8:00-10:00am
M-2-116, H. Dean, Class No 1461

LAB: MORNING/AFTERNOON, SESSION CE1
May 30-June 27, MWF 10:15am-1:15pm
M-1-115, H. Dean, Class No 1463

LAB: MORNING/AFTERNOON, SESSION CE1
May 29-June 28, TuThF 10:15am-1:15pm
M-1-115, H. Dean, Class No 1464

LAB: AFTERNOON, SESSION CE1
May 30-June 27, MWF 1:30-4:30pm
M-1-115, H. Dean, Class No 1462

ANATOMY AND PHYSIOLOGY II **BIOL 208**

Continuation of BIOL 207. Emphasis on the digestive, circulatory, respiratory, excretory, and reproductive systems. Required of nursing and human performance and fitness majors.
Prerequisite: BIOL 207.
Distribution I Area: Natural Sciences.
4 Credits, Course fee: $916, Lab fee: $75

MORNING, SESSION CE4
July 5-Aug 2, MTuWThF 8:00-10:00am
M-2-116, H. Dean, Class No 1465

LAB: MORNING/AFTERNOON, SESSION CE4
July 5-Aug 1, MWF 10:15am-1:15pm
M-1-115, H. Dean, Class No 1468

LAB: MORNING/AFTERNOON, SESSION CE4
July 5-Aug 2, TuThF 10:15am-1:15pm
M-1-115, H. Dean, Class No 1467

LAB: AFTERNOON, SESSION CE4
July 5-Aug 1, MWF 1:30-4:30pm
M-1-115, H. Dean, Class No 1466

MEDICAL MICROBIOLOGY **BIOL 209**

An introduction to viruses, bacteria, fungi, and protozoa which may be pathogenic to humans and animals; and to immunology, epidemiology, and clinical microbiology. The laboratory introduces sterile techniques, maintenance of pure cultures, isolation, identification, and immunological methods. For nursing majors. Biology majors should take BIOL 334 for microbiology.
Prerequisites: BIOL 111; CHEM 104, 108 or 116 and 118.
Distribution I Area: Natural Sciences.
4 Credits, Course fee: $916, Lab fee: $100

MORNING, SESSION CE2
May 29-July 11, MTuWTh 10:00-11:30am
W-1-061, N. Goranson, Class No 1469

LAB: MORNING/AFTERNOON, SESSION CE2
May 29-July 10, TuTh 11:45am-2:45pm
Room TBA, Staff, Class No 1470

LAB: MORNING/AFTERNOON, SESSION CE2
May 30-July 11, MW 11:45am-2:45pm
Room TBA, Staff, Class No 1471

MARINE AND COASTAL ECOLOGICAL RESEARCH **BIOL 306**

Supervised research on the adaptations and interactions of organisms of the beaches, salt marshes, sand dunes, and embayments of Nantucket. Meets every weekday during two weeks of the summer at the University's Field Station on Nantucket. In addition to learning the ecology of Nantucket's fascinating marine and coastal habitats, this course will give students experience in field research, experimental design, data analysis, and research presentation.
Prerequisite: BIOL 210, 252, or 290.
3 Credits, Special course fee: $1075.

NANTUCKET, SESSION CE6
Aug 19-Aug 31, By arrangement
For more info, please contact Elizabeth Boyle at elizabeth.boyle@umb.edu.

MOLECULAR BIOLOGY **BIOL 372**

The molecular biology and biochemistry of gene expression in procaryotes and eucaryotes. Topics include DNA structure/physical biochemistry, recombinant DNA technology, techniques in research, DNA synthesis, RNA synthesis, protein synthesis, operons, chromatin structure and gene regulation, oncogenes, hormones and growth factors and signal transduction, transposons, mutagenesis and repair, flowering, photosynthesis, development, circadian rhythms, etc. Laboratories emphasize basic research techniques.
Prerequisites: BIOCHEM 383, BIOL 210 or 212, and BIOL 252 or 254.
3 Credits, Course fee: $687

MORNING, SESSION CE2
May 29-July 11, MTuWTh 8:15-9:45am
S-2-066, S. Ackerman, Class No 1472

Chemistry

CHEMICAL PRINCIPLES I **CHEM 115**

Introduction to the fundamental principles of chemistry including atomic structure, stoichiometry, the periodic table of the elements, chemical bonding, molecular structure, and states of matter based on kinetic theory. Laboratory work presents an introduction to methods of quantitative chemical techniques. This course is intended for majors in any of the sciences, including predental, premedical, and pre-engineering students.
Prerequisites: MATH 115 or placement into MATH 130 or higher on the Math Placement Test.
Corequisites: CHEM 117 (or Prerequisite: CHEM 103)
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $687

MORNING, SESSION CE2
May 29-July 11, MTuWTh 10:00-11:30am
S-2-003A, Staff, Class No 2178

MORNING/AFTERNOON, SESSION CE2
May 30-July 11, W 11:30am-12:20pm
S-2-064, Staff, Class No 2181 (discussion)

MORNING/AFTERNOON, SESSION CE2
May 31-July 5, Th 11:30am-12:20pm
S-2-063, Staff, Class No 2182 (discussion)

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, Tu 11:30am-12:20pm
S-2-063, Staff, Class No 2180 (discussion)

EVENING, SESSION CE2
May 30-July 11, MW 5:30-9:00pm
M-1-614, Staff, Class No 2179

CHEMICAL PRINCIPLES II **CHEM 116**

Introduction to acid-base systems, elementary thermodynamics, chemical kinetics and equilibria, electrochemistry, oxidation-reduction reactions, and a survey of the chemical properties of elements based on principles already introduced. Laboratory work presents qualitative and quantitative analysis. This course is intended for majors in any of the sciences, including predental, premedical, and pre-engineering students.
Corequisite: CHEM 118 (or Prerequisite: CHEM 104).
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $687

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 10:00-11:30am
S-1-006, Staff, Class No 2187

MORNING/AFTERNOON, SESSION CE6
July 19-Aug 23, Th 11:30am-12:20pm
W-1-056, Staff, Class No 2191 (discussion)

MORNING/AFTERNOON, SESSION CE6
July 17-Aug 21, Tu 11:30am-12:20pm
W-1-056, Staff, Class No 2189 (discussion)

MORNING/AFTERNOON, SESSION CE6
July 18-Aug 22, W 11:30am-12:20pm
W-1-058, Staff, Class No 2190 (discussion)

EVENING, SESSION CE6
July 16-Aug 22, MW 5:30-9:00pm
M-1-213, Staff, Class No 2188

CHEMICAL PRINCIPLES I **CHEM 117**

Introduction to the fundamental principles of chemistry including atomic structure, stoichiometry, the periodic table of the elements, chemical bonding, molecular structure, and states of matter based on kinetic theory. Laboratory work presents an introduction to methods of quantitative chemical techniques. This course is intended for majors in any of the sciences, including predental, premedical, and pre-engineering students.
Corequisite: CHEM 115 (or Prerequisite: CHEM 103).
2 Credits, Course fee: $458, Lab fee: $75

LAB: AFTERNOON, SESSION CE2
May 30-July 11, MW 12:30-3:30pm
Room TBA, Staff, Class No 2184

LAB: AFTERNOON, SESSION CE2
May 29-July 10, TuTh 12:30-3:30pm
Room TBA, Staff, Class No 2185

LAB: EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
Room TBA, Staff, Class No 2186

CHEMICAL PRINCIPLES II **CHEM 118**

Laboratory (accompanies CHEM 116, the lecture component of the course) presents an introduction to qualitative and quantitative analysis. Students taking 118 must either be currently enrolled in CHEM 116 or have previously completed CHEM 116 with a passing grade.
Prerequisite: CHEM 116 (or Prerequisite: CHEM 104).
2 Credits, Course fee: $458, Lab fee: $75

LAB: AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 12:30-3:30pm
Room TBA, Staff, Class No 2194

LAB: AFTERNOON, SESSION CE6
July 16-Aug 22, MW 12:30-3:30pm
Room TBA, Staff, Class No 2193

LAB: EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
Room TBA, Staff, Class No 2195

PHYSIOLOGICAL CHEMISTRY **CHEM 130**

This course provides a foundation of the chemistry principles relevant to physiological systems and processes. Quantitative and descriptive tools are presented and developed so as to provide a basis for understanding metabolic pathways and biological structures at the molecular level. Fundamentals of atomic and molecular structure, energetics, and reaction dynamics will be studied in a context that illustrates the molecular mechanisms of life processes.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
4 Credits, Course fee: $916, Lab fee: $75

MORNING, SESSION CE2
June 4-July 9, M 10:00-11:00am
W-1-009, Staff, Class No 2197 (discussion)

MORNING, SESSION CE2
May 29-July 11, MTuWTh 8:15-9:45am
S-2-065, Staff, Class No 2196

LAB: AFTERNOON, SESSION CE2
May 30-July 11, MW 12:30-3:30pm
Room TBA, Staff, Class No 2198

ORGANIC CHEMISTRY I **CHEM 253**

An intensive survey of structure, reactions and synthesis of the main classes of organic compounds. Laboratory illustrates the preparation, purification and identification of organic compounds by classical and instrumental methods.
Prerequisite: CHEM 104 or 116 or 118.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
4 Credits, Course fee: $916, Lab fee: $75

MORNING, SESSION CE2
May 29-July 11, MTuWTh 10:00-11:30am
S-1-006, Staff, Class No 1473

MORNING/AFTERNOON, SESSION CE2
May 29-July 10, Tu 11:30am-12:20pm
S-2-062, Staff, Class No 1477 (discussion)

MORNING/AFTERNOON, SESSION CE2
May 31-July 5, Th 11:30am-12:20pm
S-2-062, Staff, Class No 1478 (discussion)

MORNING/AFTERNOON, SESSION CE2
May 30-July 11, W 11:30am-12:20pm
S-2-063, Staff, Class No 1476 (discussion)

LAB: AFTERNOON, SESSION CE2
May 30-July 11, MW 12:30-3:30pm
Room TBA, Staff, Class No 1474

LAB: AFTERNOON, SESSION CE2
May 29-July 10, TuTh 12:30-3:30pm
Room TBA, Staff, Class No 1475

ORGANIC CHEMISTRY II **CHEM 254**

An intensive survey of structure, reactions and synthesis of the main classes of organic compounds. Laboratory illustrates the preparation, purification, and identification of organic compounds by classical and instrumental methods.
Prerequisite: CHEM 253.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
4 Credits, Course fee: $916, Lab fee: $75

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 10:00-11:30am
S-2-003A, Staff, Class No 1479

MORNING/AFTERNOON, SESSION CE6
July 19-Aug 23, Th 11:30am-12:20pm
S-2-063, Staff, Class No 1484 (discussion)

MORNING/AFTERNOON, SESSION CE6
July 16-Aug 20, M 11:30am-12:20pm
W-1-058, Staff, Class No 1482 (discussion)

MORNING/AFTERNOON, SESSION CE6
July 17-Aug 21, Tu 11:30am-12:20pm
S-2-063, Staff, Class No 1483 (discussion)

LAB: AFTERNOON, SESSION CE6
July 16-Aug 22, MW 12:30-3:30pm
Room TBA, Staff, Class No 1480

LAB: AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 12:30-3:30pm
Room TBA, Staff, Class No 1481

ADVANCED LABORATORY IN CHEMISTRY I **CHEM 481**

Special laboratory topics under individual guidance by faculty member. For more information, contact Ken Cerny at kenneth.cerny@umb.edu or 617.287.6137.
Prerequisites: CHEM 254 or 256, and any two of the following: CHEM 311, 312, 369, 370. By permission of department.
1-4 Credits

Computer Science

COMPUTER PROGRAMMING FOR ENGINEERS **CS 109**

An introduction to computer programming for engineering students. This course is not intended for computer science majors. Credit will not be given for both CS 109 and CS 110.
Prerequisite: MATH 130.
Distribution I Area: Mathematics and Computer Science.
3 Credits, Special course fee: $850, Lab fee: $50

ONLINE, SESSION CEO
May 29-Aug 23
R. Maulucci, Class No 2113

AN INTRODUCTION TO COMPUTING - JAVA **CS 110**

An introduction to computer programming-the concepts involved in the use of a higher level language and the program development process. The goal of this course is proficiency in the design and implementation of programs of significant size and complexity. This course is quite demanding because of the length and complexity of the programming exercises assigned. This is the first course in the computer science sequence. CS 110 is taught using the programming language Java. Note: Credit toward a UMass Boston degree may be awarded for only one elementary programming course. No credit will be given for CS 110 to a student who has already completed (or is currently taking) a similar course. For instance, a student who has received the equivalent of CS 110 as a transfer credit cannot take CS 110 for credit here. Students who are barred from receiving credit from CS 110, but who are not fully prepared for CS 210, should request permission to take CS 119 as a means of remedying this deficiency.
Prerequisite: MATH 140 or appropriate scores on the Math Placement Test.
Distribution I Area: Mathematics and Computer Science.
Distribution II Area: Mathematics.
4 Credits, Special course fee: $956, Lab fee: $10

EVENING, SESSION CE3
May 29-July 26, MTuTh 6:00-7:30pm
M-2-420, Staff, Class No 1507

INTERMEDIATE COMPUTING WITH DATA STRUCTURES **CS 210**

The design and implementation of computer programs in a higher level language, with emphasis on proper design principles and advanced programming concepts, including dynamic data structures and recursion. Efficient design, implementation and debugging techniques are stressed. The assignments are designed to introduce the student to a variety of topics in computing: data structures and ADTs, Lists, Stacks, Queues, Ordered Lists, Binary Trees, and searching and sorting techniques. The language of instruction is Java.
Prerequisite: CS 110 or CSIT 115.
Distribution I Area: Mathematics and Computer Science.
Distribution II Area: Mathematics.
4 Credits, Special course fee: $956, Lab fee: $10

EVENING, SESSION CE3
May 29-July 26, MTuTh 7:45-9:15pm
M-1-421, Staff, Class No 1923

PROGRAMMING IN C **CS 240**

C programming for students with prior knowledge of some high-level language (e.g., one semester of Pascal, Smalltalk, etc.). The course treats C both as a machine level language and as a general purpose language; it covers number representation, masking, bitwise operations and memory allocation, as well as more general topics such as dynamic data structures, file i/o, separate compilation, program development tools, and debugging.
Prerequisite: CS 110 or CSIT 115.
Corequisite: CS 210.
Distribution I Area: Mathematics and Computer Science.
3 Credits, Special course fee: $727, Lab fee: $50

EVENING, SESSION CE3
May 29-July 26, MTuTh 6:00-7:30pm
M-2-421, Staff, Class No 1509

ADVANCED DATA STRUCTURES AND ALGORITHMS **CS 310**

A systematic study of the methods of structuring and manipulating data in computing. Abstract data types. The design and analysis of algorithms. Advanced techniques for program development and organization.
Prerequisites: CS 210, CS 240, and MATH 140.
3 Credits, Special course fee: $727, Lab fee: $50

EVENING, SESSION CE3
May 29-July 26, MTuTh 7:45-9:15pm
M-1-415, Staff, Class No 2110

APPLIED DISCRETE MATHMATICS **CS 320L**

An introduction to the mathematical structures and concepts used in computing: sets, mathematical induction, ordered sets, Boolean algebras, predicate calculus, trees, relations and lattice theory. Formal and informal theories and corresponding mathematical proofs are taught.
Prerequisites: CS 110 and MATH 260.
3 Credits, Course fee: $687, Lab fee $20

EVENING, SESSION CE3
May 29-July 26, MTuTh 6:00-7:30pm
M-1-210, Staff, Class No 2111

Environmental, Earth & Ocean Sciences

THE GLOBAL ENVIRONMENT **EEOS 101**

An analysis of the physical geographic environment including the globe, the atmosphere and ocean, climate, soils, vegetation, and landform. Positive and negative interaction of human beings with these aspects of the environment is examined where appropriate.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $687

MORNING/AFTERNOON, SESSION CE6
July 16-Aug 22, MW 10:00am-1:00pm
S-2-063, M. Mensoian, Class No 1512

EARTH'S DYNAMIC SYSTEMS **EEOS 110**

The basic principles of this course are embodied in the rock and hydrologic cycles. It examines the igneous, metamorphic, sedimentary, tectonic, and weathering systems of the rock cycle; and the runoff, glacial, ocean, groundwater, and atmospheric systems of the hydrologic cycle. A laboratory component includes one or more field trips to sites where geological phenomena can be viewed.
Distribution I Area: Natural Sciences.
4 Credits, Course fee: $956, Lab fee: $50

MORNING, SESSION CE2
May 29-July 11, MTuWTh 8:15-9:45am
S-3-035, D. Nellis, Class No 1513

LAB: MORNING, SESSION CE2
May 29-July 11, MTuWTh 10:00-11:30am
S-3-035, D. Nellis, Class No 1514

WEATHER AND CLIMATE **EEOS 225**

This course investigates atmospheric processes forming the basis for weather patterns and climatic development on a global scale. Major topics include earth-sun relationships, heating and cooling of the atmosphere, atmospheric circulation, pressure patterns, air mass formation and frontal systems, vertical zonation of climate, and the Koppen System for evaluating and classifying climatic phenomena.
Prerequisite: 30 credits.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
S-2-063, M. Mensoian, Class No 1515

INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS **EEOS 380**

This course is concerned with computer handling of spatial data. It covers essential elements of a GIS, hardware requirements, GIS software, data acquisition, data structures, spatial databases, methods of data analysis and spatial modeling, and applications of GIS in solving a variety of environmental and economic problems.
Prerequisite: EEOS 265.
4 Credits, Course fee: $956, Lab fee: $100

MORNING/AFTERNOON, SESSION CE2
June 4-July 9, M 10:00am-1:00pm
S-3-034, D. Merwin, Class No 1516

LAB: MORNING/AFTERNOON, SESSION CE2
May 30-July 11, W 10:00am-1:00pm
S-3-020, D. Merwin, Class No 1517

Environmental Studies

THE NATURE OF ENVIRONMENTAL PROBLEMS ENVSTY 101

An introduction to environmental issues and analysis emphasizing comparisons between the sustainable characteristics of ecosystems, both natural and human, and the human impacts on the Earth's life support systems. Topics include human population growth, food production, use of natural resources, pollution, loss of biodiversity, and conservation strategies.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Special course fee: $850

ONLINE, SESSION CE0
May 29-Aug 23
N. Mohanty, Class No 1557

Mathematics

PREPARATORY WORK

Any student who intends to take a mathematics course must furnish evidence to the department that he or she is prepared for that course.

In the case of courses at or below the level of MATH 140 (Calculus I), the required prerequisite is either a satisfactory score on the appropriate Mathematics Placement Test or, where applicable, a prerequisite course taken at UMass Boston. *Courses taken at other universities cannnot be used as prerequisites for courses at or below MATH 140.* There is one exception: a calculus course taken elsewhere that is equivalent to MATH 140 can be used as a prerequisite for MATH 125.

For courses above the level of MATH 140, the required prerequisite is the listed course or courses taken either at UMass Boston or equivalent courses taken at other accredited colleges or universities. For courses taken elsewhere, a transcript should be submitted to the department chair for approval. Requests for approval or further information can be emailed to Prof. Dennis Wortman at dhw@math.umb.edu.

QUANTITATIVE REASONING MATH 114QR

This course covers the basic algebra and technological tools used in the social, physical and life sciences to analyze quantitative information. The emphasis is on real world, open-ended problems that involve reading, writing, calculating, synthesizing, and clearly reporting results. Topics include descriptive statistics, linear, and exponential models. Technology used in the course includes computers (spreadsheets, Internet) and graphing calculators.
Prerequisite: Appropriate scores on the Math Placement Test. Degree Students Only.
3 Credits, Course fee: $687, Lab fee: $50.

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 10:00-11:30am
H-UL-029, M. Fuguet, Class No 1581

COLLEGE ALGEBRA MATH 115

Designed primarily but not exclusively for students seeking a stronger foundation in algebra before taking MATH 129 or MATH 130. Topics include basic algebra concepts, linear equations and inequalities and inequalities, properties of functions, linear and quadratic functions, absolute value equations and inequalities, systems of equations.
Prerequisite: MATH 125 or appropriate scores on the Math Placement Test.
Distribution I Area: Mathematics and Computer Languages.
3 Credits, Course fee: $687

MORNING, SESSION CE2
May 29-July 11, MTuWTh 10:00-11:30am
M-2-624, M. Zaleskas, Class No 1582

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 8:15-9:45am
M-1-616, C. Agunwamba, Class No 1583

INTRODUCTORY STATISTICS MATH 125

Topics include introductory statistics, covering descriptive statistics; introductory probability sufficient to enable development of inferential statistics; and inferential statistics.
Prerequisite: MATH 114Q or 115 or 124 or 129 or 130 or 140 or appropriate scores on the Math Placement Test.
Distribution I Area: Mathematics and Computer Languages.
Distribution II Area: Mathematics.
3 Credits, Course fee: $687

MORNING, SESSION CE2
May 29-July 11, MTuWTh 10:00-11:30am
M-2-621, S. Kovitz, Class No 1584

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 8:15-9:45am
M-1-420, T. Fratto, Class No 1586

ONLINE, SESSION CE2
May 29-July 12
J. Chen, Class No 1585
Special course fee: $850

PRE-CALCULUS FOR MANAGEMENT AND SOCIAL SCIENCE STUDENTS MATH 129

This course teaches the algebraic and conceptual skills students need to master before they are ready for MATH 134 or MATH 135. It first reviews the basic algebraic skills. The major part of the course then involves the application of linear, quadratic, and exponential models to problems in management and economics.
Prerequisite: Appropriate scores on the Math Placement Test.
Distribution I Area: Mathematics and Computer Languages.
3 Credits, Course fee: $687

MORNING, SESSION CE2
May 29-July 11, MTuWTh 8:15-9:45am
M-1-616, C. Roche, Class No 1833

PRECALCULUS — MATH 130

Preparation for first year calculus. Covers symmetry, graphs, functions, lines, parabolas and max-min problems, exponential and logarithm functions, exponential growth, and the trigonometric functions and their inverses. Note: No student receives graduation credits for MATH 130 if it is taken after successful completion of any higher math course. Students who have successfully completed MATH 130 may not subsequently take MATH 129 for credit. Students may take MATH 130 after MATH 129 only with explicit permission of the department, and then only for two credits.
Prerequisite: appropriate scores on the Math Placement Test.
Distribution I Area: Mathematics and Computer Languages.
Distribution II Area: Mathematics.
3 Credits, Course fee: $687

MORNING, SESSION CE2
May 29-July 11, MTuWTh 8:15-9:45am
M-2-621, S. Kovitz, Class No 1588

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 10:00-11:30am
M-2-621, T. Fratto, Class No 1589

MANAGERIAL CALCULUS — MATH 134

A one-semester course in calculus, with particular emphasis on applications to economics and management. Topics covered include limits, continuity, derivatives, and integrals. Students may not receive graduation credit for both MATH 134 and MATH 135. Students may take MATH 140 after MATH 134, but only with the explicit permission of the department and then only for two credits.
Prerequisite: MATH 129 or 130 or appropriate scores on the Math Placement Test.
Distribution I Area: Mathematics and Computer Languages.
3 Credits, Course fee: $687

MORNING, SESSION CE2
May 29-July 11, MTuWTh 10:00-11:30am
M-1-421, C. Roche, Class No 1592

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 10:00-11:30am
M-1-608, C. Agunwamba, Class No 1593

CALCULUS I — MATH 140

The first in the sequence of calculus courses for science and math majors. Starts with the basic concepts of functions and limits. Topics covered include derivatives and their applications, definite and indefinite integrals with applications to geometric and physical problems, and discussion of algebraic and trigonometric functions.
Prerequisite: MATH 130 with a grade of B or better in the previous semester, or appropriate scores on the Math Placement Test.
Distribution I Area: Mathematics and Computer Languages.
Distribution II Area: Mathematics.
4 Credits, Course fee: $916

MORNING, SESSION CE2
May 29-July 11, MTuWTh 10:00-11:45am
M-1-608, S. Boorstein, Class No 1594

EVENING, SESSION CE2
May 29-July 11, MTuWTh 5:45-7:30pm
M-1-415, S. Boorstein, Class No 1834

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 8:00-9:45am
M-1-415, C. Zara, Class No 1595

CALCULUS II — MATH 141

Continuation of MATH 140. Topics include transcendental functions, techniques of integration, applications of the integral, improper integrals, L'Hospital's rule, sequences, and series. Because MATH 141 is the second part of the integrated calculus sequence, it should be taken as soon as possible after MATH 140.
Prerequisite: MATH 140 or equivalent.
Distribution I Area: Mathematics and Computer Languages.
Distribution II Area: Mathematics.
4 Credits, Course fee: $916

MORNING, SESSION CE2
May 29-July 11, MTuWTh 10:00-11:45am
M-2-423, D. Wortman, Class No 1598

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 10:00-11:45am
M-1-420, R. Singh, Class No 1599

EVENING, SESSION CE6
July 16-Aug 23, MTuWTh 5:45-7:30pm
M-2-209, R. Singh, Class No 1600

CALCULUS III — MATH 240

Calculus of functions of several variables. Topics include partial derivatives, transformations, derivative as a matrix, chain rule, directional derivatives, gradients, second derivatives; and multiple integrals, substitution rule, and Jacobians. Please note: Because MATH 240 is the final part of a three-semester calculus sequence, it should be taken as soon as possible after MATH 141.
Prerequisite: MATH 141.
Distribution I Area: Mathematics and Computer Languages.
3 Credits, Course fee: $687

MORNING, SESSION CE2
May 29-July 11, MTuWTh 10:00-11:30am
M-3-407, S. Mukherjee, Class No 1601

LINEAR ALGEBRA I **MATH 260**

Elementary theory of vector spaces. Topics include linear independence, bases, dimension, linear maps and matrices, determinants, orthogonality, eigenvalues, and eigenvectors.
Prerequisite: MATH 140.
Distribution I Area: Mathematics and Computer Languages.
3 Credits, Course fee: $687

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 10:00-11:30am
M-3-407, C. Zara, Class No 1602

APPLIED ORDINARY DIFFERENTIAL EQUATIONS **MATH 310**

A comprehensive study of the nature of ordinary differential equations. The course includes qualitative analysis of properties of solutions, as well as standard methods for finding explicit solutions to important classes of differential equations. It presents many applications, particularly for linear equations.
Prerequisites: MATH 240 and either MATH 260 or PHYSIC 114.
3 Credits, Course fee: $687

MORNING, SESSION CE2
May 29-July 11, MTuWTh 8:15-9:45am
M-1-415, S. Mukherjee, Class No 1603

APPLIED DISCRETE MATHMATICS **MATH 320L**

An introduction to the mathematical structures and concepts used in computing: sets, mathematical induction, ordered sets, Boolean algebras, predicate calculus, trees, relations and lattice theory. Formal and informal theories and corresponding mathematical proofs are taught.
3 Credits, Course fee: $687

EVENING, SESSION CE3
May 29-July 26, MTuTh 6:00-7:30pm
M-1-210, Staff, Class No 2112

PROBABILITY AND STATISTICS I **MATH 345**

This course presents the mathematical laws of random phenomena, including discrete and continuous random variables, expectation and variance, and common probability distributions such as the binomial, Poisson, and normal. Topics also include basic ideas and techniques of statistical analysis.
Prerequisite: MATH 141.
3 Credits, Course fee: $687

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 10:00-11:30am
M-1-616, G. Schay, Class No 1604

Physics

COLLEGE PHYSICS I **PHYSIC 107**

Non-calculus introductory physics for life-science students and others with a program requirement for a year of physics at this level. Topics include mechanics, fluids, wave motion, kinetic theory of gases, temperature, and heat. Students who need or want lab work in physics should enroll concurrently in PHYSIC 181.
Prerequisite: MATH 130 or equivalent Placement Test scores or permission of instructor.
Note: Students may not receive credit for both PHYSIC 107-108 and 113-114.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $687

MORNING, SESSION CE2
May 29-July 11, MTuWTh 8:15-9:45am (lecture), MW 10:00-10:50am (discussion)
S-1-006, E. Gubankova, Class No 1649 (lecture)
S-2-066, Class No 2253 (discussion)

MORNING, SESSION CE2
May 29-July 11, MTuWTh 8:15-9:45am (lecture), TuTh 10:00-10:50am (discussion)
S-1-006, E. Gubankova, Class No 1649 (lecture)
S-2-063, Class No 2254 (discussion)

EVENING, SESSION CE2
May 29-July 11, MTuWTh 5:30-7:00pm (lecture), MTh 7:10-8:00pm (discussion)
S-2-063, Y. Modarres-Sadghi, Class No 1650 (lecture), 2256 (discussion)

EVENING, SESSION CE2
May 29-July 11, MTuWTh 5:30-7:00pm (lecture), MTh 8:00-8:50pm (discussion)
S-2-063, Y. Modarres-Sadghi, Class No 1650 (lecture)
S-2-066, Class No 2257 (discussion)

COLLEGE PHYSICS II **PHYSIC 108**

A continuation of PHYSIC 107. Topics include thermodynamics, electricity and magnetism; optics; and a preview of modern physics. Students who need or want laboratory work in physics should enroll concurrently in PHYSIC 182.
Prerequisite: PHYSIC 107 or permission of instructor.
Note: Students may not receive credit for both PHYSIC 107-108 and 113-114.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $687

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 8:15-9:45am (lecture), MW 10:00-10:50am (discussion)
S-2-062, E. Gubankova, Class No 1651 (lecture)
S-2-064, Class No 2261 (discussion)

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 8:15-9:45am (lecture), TuTh 10:00-10:50am (discussion)
S-2-062, E. Gubankova, Class No 1651 (lecture)
S-2-063, Class No 2262 (discussion)

EVENING, SESSION CE6
July 16-Aug 23, MTuWTh 5:30-7:00pm (lecture), MTh 7:10-8:00pm (discussion)
S-2-063, Y. Modarres-Sadghi, Class No 1652 (lecture)
S-2-066, Class No 2264 (discussion)

FUNDAMENTALS OF PHYSICS I **PHYSIC 113**

The first semester of calculus-level introductory physics. Topics include mechanics, hydrodynamics, waves, kinetic theory, and heat. Students who need or want laboratory work should enroll concurrently in PHYSIC 181.
Corequisite: MATH 140 and, for physics majors, PHYSIC 181.
Note: Students may not receive credit for both PHYSIC 107-108 and 113-114.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
4 Credits, Course fee: $916

MORNING, SESSION CE2
May 29-July 11, MTuWTh 8:15-9:45am (lecture), MTuWTh 10:00-10:50am (discussion)
S-2-062, T. Materdey, Class No 1653 (lecture), 2258 (discussion)

MORNING, SESSION CE2
May 29-July 11, MTuWTh 8:15-9:45am (lecture), MTuWTh 11:00-11:50am (discussion)
S-2-062, T. Materdey, Class No 1653 (lecture)
S-2-066, Class No 2259 (discussion)

EVENING, SESSION CE2
May 29-July 11, MTuWTh 5:30-7:00pm (lecture), MTh 7:10-8:50pm (discussion)
S-2-064, G. Sun, Class No 1654 (lecture)
M-1-608, Class No 2260 (discussion)

FUNDAMENTALS OF PHYSICS II **PHYSIC 114**

The second semester of calculus-level introductory physics. Topics include thermodynamics, electricity and magnetism, geometrical and wave optics. Students who need or want laboratory work should enroll concurrently in PHYSIC 182.
Prerequisite: PHYSIC 113 or permission of instructor.
Corequisite: MATH 141; corequisite for physics majors: PHYSIC 182.
Note: Students may not receive credit for both PHYSIC 107-108 and 113-114.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
4 Credits, Course fee: $916

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 8:15-9:45am (lecture), MTuWTh 10:00-10:50am (discussion)
S-2-065, T. Materdey, Class No 1655 (lecture)
S-2-062, Class No 2266 (discussion)

MORNING, SESSION CE6
July 16-Aug 23, MTuWTh 8:15-9:45am (lecture), MTuWTh 11:00-11:50am (discussion)
S-2-065, T. Materdey, Class No 1655 (lecture)
S-2-062, Class No 2267 (discussion)

EVENING, SESSION CE6
July 16-Aug 23, MTuWTh 5:30-7:00pm (lecture), MTh 7:10-8:50pm (discussion)
S-1-006, G. Sun, Class No 1656 (lecture), 2268 (discussion)

PHYSICS LABORATORY I **PHYSIC 181**

Exploration of basic physical phenomena through laboratory work. Experiments in kinematics, mechanics, and hydrostatics. This course is designed to accompany either level of introductory physics.
Corequisite: PHYSIC 107 or 113.
2 Credits, Special course fee: $518, Lab fee: $50

LAB: AFTERNOON, SESSION CE2
May 30-July 11, MW 12:00-2:30pm
S-3-029, G. Sun, Class No 1658

LAB: AFTERNOON, SESSION CE2
May 29-July 10, TuTh 12:00-2:30pm
S-3-029, G. Sun, Class No 1657

LAB: AFTERNOON, SESSION CE2
May 29-July 10, TuTh 12:00-2:30pm
S-3-017, G. Sun, Class No 1659

LAB: EVENING, SESSION CE2
May 29-July 11, TuW 7:10-9:40pm
S-3-029, G. Sun, Class No 1660

LAB: EVENING, SESSION CE2
May 29-July 11, TuW 7:10-9:40pm
S-3-017, G. Sun, Class No 1661

PHYSICS LABORATORY II **PHYSIC 182**

Exploration of basic physical phenomena through laboratory work. Experiments in thermodynamics, electricity, magnetism, and optics. This course is designed to accompany either level of introductory physics.
Corequisite: PHYSIC 108 or 114.
2 Credits, Special course fee: $518, Lab fee: $50

LAB: AFTERNOON, SESSION CE6
July 16-Aug 22, MW 12:00-2:30pm
S-3-029, G. Sun, Class No 1663

LAB: AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 12:00-2:30pm
S-3-029, G. Sun, Class No 1662

LAB: AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 12:00-2:30pm
S-3-017, G. Sun, Class No 1664

LAB: EVENING, SESSION CE6
July 17-Aug 22, TuW 7:10-9:40pm
S-3-029, G. Sun, Class No 1665

LAB: EVENING, SESSION CE6
July 17-Aug 22, TuW 7:10-9:40pm
S-3-017, G. Sun, Class No 1666

UNDERGRADUATE COURSES: Center for Technical Education

Technical Education

SEMINAR FOR THE BEGINNING VOCATIONAL TECHNICAL TEACHER — OCC ED 218

This course prepares the new vocational technical educator candidate for his/her first teaching assignment. The course will identify the characteristics of an effective teacher as will as provide some of the tools required by first year teachers to be successful. These include techniques for establishing effective classroom routines and procedures, student instruction and assessment, and for maintaining a positive classroom/laboratory climate that conveys high expectations. In addition, students learn to identify the elements of a course/program curriculum and learn how to develop a lesson plan, assign and grade homework and collaborate with colleagues to improve instruction, assessment and student achievement.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 30-July 11, MW 4:00-7:00pm
Plymouth, Staff, Class No 2127

MANAGING STUDENT BEHAVIOR AND CREATING A SAFE AND HEALTHY ENVIRONMENT — OCC ED 219

This course is designed to prepare vocational technical teachers to organize an instructional area that is conducive to high quality learning in a healthy and safe environment. A variety of discipline concepts and strategies will be presented for application in the laboratory, related classroom and cooperative education sites. Current relevant OSHA and child labor law standards will be reviewed and plans for a comprehensive health and safety program will be developed.
3 Credits, Course fee: $687

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 4:00-7:00pm
Plymouth, Staff, Class No 2128

TEACHING METHODS FOR THE VOCATIONAL TECHNICAL EDUCATION: INSTRUCTIONAL STRATEGIES — OCC ED 220

This course provides vocational-technical teachers with a wide variety of research-based teaching methods and instructional strategies. Students in this course learn how to develop a unit of study and how instructional choices made by the vocational-technical educator are influenced by learning styles, motivation, and expectations. Students learn how to integrate vocational-technical and academic content by using a balanced instructional approach.
3 Credits, Course fee: $687

EVENING, SESSION CE6
July 16-Aug 22, MW 5:00-8:00pm
Lexington, Staff, Class No 2129

TEACHING AND ASSESSING THE VOCATIONAL TECHNICAL LEARNER — OCC ED 221

This course provides vocational-technical teachers with the knowledge and tools to instruct and assess the technical, academic and employability skills of vocational students. Students in this course will learn to identify, develop, and model appropriate learning activities and assessments for the vastly divergent student population in vocational-technical education.
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE, SESSION CEO
May 29-Aug 23
Staff, Class No 2132

DEVELOPING AND IMPLEMENTING STANDARDS-BASED CURRICULUM IN VOCATIONAL TECHNICAL EDUCATION — OCC ED 222

This course provides vocational technical educator candidates with the knowledge of the elements of a quality curriculum. Students learn how to develop a vocational technical curriculum and a competency-based student reporting system that incorporates the standards and performance indicators of the Academic and Vocational Technical Curriculum Frameworks. It is one of the courses required to obtain licensure as a vocational technical educator in Massachusetts.
3 Credits, Course fee: $687

EVENING, SESSION CE6
July 17-Aug 23, TuTh 5:00-8:00pm
Lexington, Staff, Class No 2130

ADDRESSING THE NEEDS OF STUDENTS WITH DISABILITIES IN VOCATIONAL TECHNICAL PROGRAMS — OCC ED 224

This course provides Vocational Technical teachers with an overview of the Federal and State Special Education Laws and Regulations and how they are implemented in schools in Massachusetts. Students learn the elements of the Individual Education Plan (IEP), the roles of special and general educators, how to design curriculum and instruction using the information on the IEP, and how to modify their related classrooms to accommodate students with disabilities.
3 Credits, Course fee: $687

EVENING, SESSION CE6
July 16-Aug 22, MW 5:00-8:00pm
Lexington, Staff, Class No 2131

WEB DESIGN FOR EDUCATORS — PRFDVL 5V06

One of the most important innovations in recent years for educators has been the Internet. The ability to locate and reference resources from the World Wide Web is allowing teachers to gather and infuse information in ways that were unheard of a decade ago. This course is designed to instruct educators in Web site design through an understanding HFTML and the Web editing package, Dreamweaver. Teachers will learn not only how to create Web pages, but also how to develop a site that will support the educational frameworks of their disciplines.
3 Credits, Special course fee: $1120

ONLINE COURSE
ONLINE, SESSION CEO
May 29-Aug 23
Staff, Class No 2021

GRADUATE COURSES

American Studies

AMERICAN STUDIES SUMMER INSTITUTE: "SPREADING THE NEWS: MASS MEDIA IN AMERICA, PAST AND PRESENT"
See page 81.

Applied Sociology

CERTIFICATE PROGRAM: FORENSIC SERVICES
See page 88.

SOCIOLOGY OF LAW **SOCIOL 667**

This course provides a general analysis of the social origins, operations, and consequences of law and legal process. Alternative theories of the relation between law and society are considered. Special attention is given to criminal law, the operation of juvenile courts, discretion in the legal system, and methods of legal research. Alternative methods of dispute resolution are considered.
3 Credits, Course fee: $960

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
W-1-048, R. Tyler, Class No 1728

Business Administration (MBA)

Note: Current UMass Boston MBA students in good standing may register directly with Continuing Education. Summer MBA courses are not available to non-degree students.

INTERNATIONAL PROGRAM
See Page 75

ENTREPRENEURSHIP IN THE U.S. AND CHINA
This two-week, 3-credit program offers MBA students realtime experience with business in China.

ECONOMICS FOR MANAGERS **MBA AF 601**

Introduces the student to economic principles of particular interest to the firm manager. The course is divided roughly into two parts that deal with macroeconomic and microeconomic issues. In the macro section such key aggregates as gross domestic product, unemployment rate, inflation rate, and balance of payments, which are of importance to the firm manager, are discussed. Discussions focus on a critical examination of how these aggregates are measured and determined in various competing theoretical models. The theory discussed here then serves as an analytical tool in understanding and evaluating economic policies related to such current economic issues as unemployment, inflation, and trade imbalances. In the micro section, emphasis is given to a) the theory of markets, how prices and quantities are determined in markets and factors that affect these prices and quantities; and b) how firms compete in different market environments. Besides concentrating on the theory, special attention is given to how the concepts covered are applied to real-world microeconomic problems.
Prerequisites: MBAMS 600 and Graduate degree student in Management.
3 Credits, Special course fee: $1020

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
M-2-428, A. Bandopadhyaya, Class No 1880

ACCOUNTING FOR MANAGERS **MBA AF 610**

Instructs students in the fundamentals of financial and managerial accounting. The financial accounting component presents techniques used to measure business transactions, preparation of financial statements, recording and valuation of assets, owners' equity, revenue, cost and expenses. The managerial accounting component deals with techniques for management decision-making, planning, and control.
Prerequisites: MBAAF 601 and Graduate degree student in Management.
3 Credits, Special course fee: $1020

AFTERNOON, SESSION CE2
May 29-July 10, TuTh 1:30-4:30pm
M-1-428, J. Swanson, Class No 1987

FINANCIAL AND MANAGERIAL AUDITING **MBA AF 614**

The objective of this course is to make students aware of, and develop working skills in, the techniques of financial and managerial auditing, and to help them develop judgment in using audit information. Topics include stewardship and the need for auditing; audit evidence and analytical techniques for sampling and drawing inferences; organizational issues in auditing; techniques and methods of managerial and strategic audits, and audit reporting.
Prerequisites: MBAAF 610 and Graduate degree student in Management.
3 Credits, Special course fee: $1020

AFTERNOON, SESSION CE6
July 17-Aug 23, TuTh 1:30-4:30pm
M-1-208, J. Swanson, Class No 2159

INTERNATIONAL ACCOUNTING **MBA AF 615**

This course examines the international dimensions of financial accounting and analysis; the environmental influence of specific countries on international accounting standards and their related impact on financial reporting; and disclosure and analysis worldwide. Specific attention is given to inflation accounting, foreign currency transactions, the translation of foreign financial statements, and the status of international accounting standards. (An international management elective.)
Prerequisites: MBAAF 610 and Graduate degree student in Management.
3 Credits, Special course fee: $1020

EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
M-1-617, C. Ogden, Class No 2160

MANAGEMENT ACCOUNTING AND CONTROL **MBA AF 617**

This course introduces students to the important role management accounting plays in helping managers make informed decisions. In particular, the course emphasizes modern theories of product cost, performance measurement, and management control systems. It uses cases to describe real-world problems and to illustrate such concepts as activity-based cost systems, productivity measurement, and total quality.
Prerequisites: MBAAF 610 and Graduate degree student in Management.
3 Credits, Special course fee: $1020

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
M-1-619, S. Ryan, Class No 1965

FINANCIAL MANAGEMENT **MBA AF 620**

This course is intended to provide the student with a sound understanding and appreciation of the principles of corporate finance. The course covers the theory and practice of financial decision making by managers and describes how financial theory can be used to address practical problems and to illuminate institutional aspecs of the financial world. Topics include the time value of money, capital budgeting, financial statement analysis, asset valuation, portfolio theory, capital structure, dividend policy, long-term financing, and issues of corporate control. The course enables students to develop the skills and intellectual framework for addressing a variety of financial problems.
Prerequisites: MBAAF 610 and Graduate degree student in Management.
3 Credits, Special course fee: $1020

EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
M-2-214, Staff, Class No 1882

FINANCIAL MODELING **MBA AF 623**

This course introduces the principles and techniques for building financial models, especially in an uncertainty framework. Topics covered include decision support systems, risk analysis, portfolio theory, and capital budgeting under uncertainty. The course integrates financial, accounting, and statistical concepts and techniques to construct financial models and to peform analyses using popular software applications, as well as emphasizing the application of financial modeling techniques in identifying and implementing business solutions. The course will be of special interest to students seeking more hands-on experience in constructing financial models and more in-depth knowledge in financial software.
Prerequisite: MBA AF 620 and Graduate degree student in Management.
3 Credits, Special course fee: $1020

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
M-1-617, M. Konan, Class No 1608

ANALYTICAL WRITING IN MANAGEMENT **MBAACM 681**

This course prepares the management graduate student for advanced writing in other MBA courses, and for effective writing in management. Topics include key ingredients in effective managerial writing; writing as a managerial problem; interpreting and reporting quantitative information; and representative managerial writing situations (e.g., feasibility reports, policy recommendations, research reports).
Prerequisite: Graduate degree student in Management.
3 Credits, Course fee: $960

EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
M-2-415, Staff, Class No 1883

ORAL COMMUNICATION FOR MANAGERS **MBAACM 682**

This course helps students improve their oral communication skills. Its purpose is to improve 1) students' organizational effectiveness as managers, and 2) students' personal effectiveness as speakers. Course topics include the communication process, communicating in organizations, the substance of oral communication (argument and persuasion), and the form of communication (organization and delivery).
Prerequisite: Graduate degree student in Management.
3 Credits, Course fee: $960

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
M-2-214, Staff, Class No 1884

ORGANIZATIONAL DIAGNOSIS AND CHANGE **MBAMGT 653**

Focuses on the theory, research, and techniques of organizational diagnosis and change. Students will learn how to engage in systematic structural and behavioral analyses and to design effective strategies for intervention and change.
Prerequisite: MGT 650 and Graduate degree student in Management.
3 Credits, Special course fee: $1020

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
M-3-204A, Staff, Class No 1885

BUSINESS AND ITS ENVIRONMENT — MBAMGT 660

This course looks at the relationship of business to the external environment and considers business in relation to legal, social, political, and economic systems, focusing in particular on the impact of governmental regulation on business. The course also addresses the functioning of the US business enterprise in the context of the international business environment. Finally, through an examination of the role of ethics in management decision-making, the course explores how business organizations can operate effectively and responsibly in the context of the external environment.
Prerequisite: Graduate degree student in Management.
3 Credits, Special course fee: $1020

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
M-2-621, M. Calkins, Class No 1886

REAL ESTATE AND ECONOMIC DEVELOPMENT — MBAMGT 668

This course introduces students to the field of urban economic development in the context of real estate development. Students will explore the principles of economic development, focusing on the role of real estate developers, companies, community organizations, and government agencies in the decline and revitalization of neighborhoods, cities, and regions. They will be exposed to diverse issues involved in economic development, with particular emphasis on practical aspects. Topics to be covered in this course include opportunity and impact assessments, stakeholder analysis, and project management. A combination of lectures, site visits, case studies, and group projects will help students to gain an appreciation of the role of real estate in urban economic development and develop the skills required to lead and assess development projects.
Prerequisite: MBAMGT 660 and Graduate degree student in Management.
3 Credits, Special course fee: $1020

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
M-2-213, Staff, Class No 1609

STRATEGIC MANAGEMENT — MBAMGT 689

Considers the diverse situations typically confronted by upper level management and strategies for managing these situations, using knowledge acquired through study of the MBA Core. These strategies are based on an analysis of the internal conditions of the firm and the constraints and opportunities afforded by the external environment. Students learn to develop strategy implementation plans that provide detailed descriptions of appropriate executive action.
3 Credits, Special course fee: $1020

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
M-1-213, M. Habib, Class No 1887

MATHEMATICAL ANALYSIS FOR MANAGERS — MBAMS 600

This course provides the mathematical skills and applications necessary to pursue graduate study in the College of Management. Topics include a review of basic algebra; graphing; linear, polynomial, exponential, and logarithmic functions; functions of several variables; systems of linear equations; probability; differentiation and integration.
3 Credits, Special course fee: $1020

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
M-2-214, Staff, Class No 1889

OPERATIONS MANAGEMENT — MBAMS 635

This course familiarizes students with the analysis, planning, and control of operations and operating resources in both production and service organizations. Topics covered include product design and process selection, capacity planning, location and layout decisions, and inventory control. Analytical techniques used in system design and operations planning and control problems are also discussed. Students make use of computers and appropriate software to apply what they are learning.
Prerequisite: MBAMS 630 or MSIS 630. BUSADM students only.
3 Credits, Special course fee: $1020

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
M-1-420, S. Mathiyalakan, Class No 1890

COMPUTER AND INFORMATION PROCESSING SYSTEMS — MBAMS 640

Examines the role of information technology (IT) in supporting an organization's operations, strategy, and change efforts. The course offers a comprehensive review of modern information technology architectures covering current approaches to the organization and management of computer technology, telecommunications, data organization, and information system applications. Major emphasis is given to the critical role that computer technology and information systems methodology play in the re-design of business processes under different organizational settings. The course makes extensive use of case scenarios to describe and to research further some issues involved in the planning, development, and implementation of streamlined organizational processes and information system applications. Some modules may involve the hands-on use of personal computers.
3 Credits, Special course fee: $1020

EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
M-2-213, O. Gutierrez, Class No 1891

INNOVATION IN INFORMATION TECHNOLOGY MANAGEMENT — MSIS 610

'The most successful firms are those that have been able to systematically exploit innovation 1.' Institution innovation to create value is not an easy task rather; it is complex, cross-functional, and results-oriented endeavor. Traditionally, investment in research and development, implementing change, or enhancing creativity were considered necessary ingredients for innovation. Today, technological breakthroughs are the primary drivers of innovation. A new category of technology has emerged that when used effectively makes the innovation process more economical and ameliorates some of its uncertainties.
The course starts with addressing five basic questions on innovation: what, when, where, who, and how. We describe innovation models, the importance of timing in innovation, the globalization aspect of innovation, People and innovation, and what it takes to be innovative. In addressing these questions, we consider the impact and role of technology. Real world case studies are used to illustrate the practical implication of innovation in IT management.
3 Credits, Special course fee: $1020

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
M-1-418, Staff, Class No 2250

BUSINESS DATA COMMUNICATIONS AND COMPUTER NETWORKS **MSIS 614**

This course develops a managerial level of technical knowledge and terminology for data, voice, image, and video communications and computer networks to effectively communicate with technical, operational and management personnel in telecommunications. Students are expected to understand the concepts, models, architectures, protocols, standards, and security for the design, implementation, and management of digital networks and apply data communications concepts to situations encountered in industry; learn general concepts and techniques of loc area networks (LAN), wireless local area networks (WLAN), and wide area networks (WAN); and understand the technology of the Internet and the regulatory environment. Other topics introduced include network operating systems, e-commerce and associated web sites and practices, as well as middleware for wireless systems, multimedia, and conferencing.

Prerequisites: MBAMS 640 or MSIS 640. BUSADM students only.

3 Credits, Special course fee: $1020

EVENING, SESSION CE6
July 16-Aug 22, MW 6:00-9:00pm
M-3-204A, J. Kuilboer, Class No 2251

PROJECT AND CHANGE MANAGEMENT **MSIS 630**

This course provides an understanding on how to manage projects in the context of change. The course discusses concepts and techniques in project management such as planning, scheduling and implementation. It also provides students with an understanding of change management as relevant to project management in a dynamic organizational environment. The course also develops an understanding of the software tools employed for project management. It applies the concepts and software to hypothetical and real world cases.

3 Credits, Special course fee: $1020

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
M-1-420, R. Blake, Class No 2252

Chemistry

DISSERTATION RESEARCH **CHEM 899**

Research, conducted under faculty supervision, which leads to the presentation of a doctoral dissertation.

Prerequisite: Permission of department.

For more information, contact Michelle Foster, Chemistry Department, at 617.287.6096 or michelle.foster@umb.edu.

Clinical Psychology

CERTIFICATE PROGRAM: FORENSIC SERVICES

See page 88.

FORENSIC PSYCHOLOGY **PSYCH 614**

This course examines the intersection of criminal law and clinical psychology. Topics include those that are frequently the concern of forensic mental health clinicians, namely recidivism, violence risk assessment, insanity, legal competence, and false memory. These topics are studied from cultural and developmental (childhood, adolescence, adult) perspectives.

3 Credits, Course fee: $960

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
M-2-415, P. Nestor, Class No 1702

Counseling

DEGREE PROGRAM: MEd IN COUNSELING FAMILY THERAPY)

See page 84.

DEGREE PROGRAM: MEd IN COUNSELING (MENTAL HEALTH)

See page 84.

DEGREE PROGRAM: MEd IN COUNSELING (SCHOOL GUIDANCE)

See page 84.

DEGREE PROGRAM: MEd IN COUNSELING (REHABILITATION)

See page 84.

RESEARCH AND EVALUATION IN PSYCHOLOGY **COUNSL 601**

This course examines several research models and strategies with respect to their various rationales and methodologies. Relevant statistical topics are introduced conceptually, especially as they are applied in research about specific academic settings.

3 Credits, Special course fee: $1120

ONLINE, SESSION CEO
May 29-Aug 23
R. Houser, Class No 1922

COUNSELING THEORY AND PRACTICE I **COUNSL 614**

The purpose of this course is to provide grounding in the commonalities of counseling techniques and practice in the use of various techniques. The course covers the essentials of interviewing, note taking, and report writing, and the role of diagnosis. Tapes and role playing are required.

3 Credits, Course fee: $960

EVENING, SESSION CE1
May 29-June 28, MTuWTh 7:15-9:15pm
W-1-020, V. Anderson, Class No 2023

GROUP COUNSELING AND GROUP DYNAMICS COUNSL 616

This course provides an introduction to group dynamics that uses the group process of the class to provide experience of group membership and data for interpretation. Participation as a group member is required. Readings and lectures build a cognitive base for evaluating experiential learning.
Prerequisite: COUNSL 615 or 617.
3 Credits, Course fee: $960

EVENING, SESSION CE1
May 29-June 28, MTuWTh 5:00-7:00pm
W-1-020, V. Anderson, Class No 1497

INTRODUCTION TO FAMILY THERAPY COUNSL 621

This introductory course investigates the concepts of family therapy and systems theory. Besides attending a potentially different client population, family therapy contributes a variety of new lenses with which to approach human problems. The course introduces the paradigmatic shift that has developed from communicational, systemic, and cybernetic theories. The course distinguishes similarities and differences between family therapy ideas and other counseling paradigms; and addresses the challenges family therapists face in the changing delivery of human services care systems. Students use family systems ideas to analyze and develop innovative approaches in their work with individuals, families, and communities.
By permission of instructor.
3 Credits, Special course fee: $1120

ONLINE COURSE
ONLINE, SESSION CEO
May 29-Aug 23
G. Bacigalupe, Class No 1958

COLLABORATIVE CONSULTATION IN SCHOOLS COUNSL 632

This course provides a theoretical foundation and practical skills in consultation designed to prepare students to apply their professional preparation in education and psychology to solve problems in school settings. Consultation is viewed as a process of collaboration, intervention, and evaluation. An eco-behavioral model of consultation is emphasized. Case studies are used to develop analytical and problem-solving skills. Issues involved in serving diverse student populations are examined. The course is intended to foster an identity as a caring, dedicated, principled, and respectful consultant committed to social justice.
3 Credits, Course fee: $960

EVENING, SESSION CE1
May 29-June 28, MTuWTh 7:15-9:15pm
W-1-043, F. Wilczenski, Class No 2230

BEHAVIORAL COUNSELING COUNSL 635

This course provides a rigorous examination of social learning theory as a basis for practice of therapeutic behavioral counseling. Through lectures, readings, demonstrations, and discussions, students become familiar with fundamental techniques of behavioral counseling, including operant, classical, modeling, and cognitive methods.
Prerequisites: COUNSL 614 and COUNSL 615 or 617.
3 Credits, Course fee: $960

EVENING, SESSION CE1
May 29-June 28, MTuWTh 5:00-7:00pm
W-1-043, F. Wilczenski, Class No 2231

CHILD ABUSE AND NEGLECT COUNSL 664

This course addresses the growing problem of child abuse and neglect in American society, exploring the psychodynamic and sociocultural factors that contribute to child abuse. Emphasis is given to prevention, intervention, treatment, and the legal aspects of abuse and neglect.
3 Credits, Course fee: $960

EVENING, SESSION CE1
May 29-June 28, MTuWTh 5:00-7:00pm
W-1-030, M. Weinreb, Class No 1498

Critical and Creative Thinking

CERTIFICATE PROGRAM: CREATIVE THINKING AT WORK

See page 88.

SEMINAR IN CREATIVITY CRCRTH 612

This course involves research on and discussion of important issues of current concern in the field of creativity. The seminar analyzes writings on the creative person, the creative process, and the development of creative performance in both art and science. It draws on materials from a variety of sources, including biography, intellectual histories, psychological studies, and educational research. Topics include perspectives on the creative process, from logical extension to intuitive leap; distinguishing scientific and artistic creativity; the person; the role of insight; demythologizing creativity; social context and creative productivity; evaluating creativity; educating for creativity.
3 Credits, Special course fee: $1120

ONLINE COURSE
ONLINE, SESSION CEO
May 29-Aug 23
B. Schwendener, Class No 1783

CREATIVE THINKING, COLLABORATION AND ORGANIZATIONAL CHANGE CRCRTH 618

Through interactive, experiential sessions and structured assignments students learn critical and creative approaches to working in organizations. Skills addressed include: communication and team-building; facilitation of participation and collaboration in groups; promotion of learning from a diversity of perspectives; problem-finding and solving; and reflective practice. Students apply these skills to situations that arise in business, schools, social change groups, and other organizations with a view to taking initiative and generating constructive change.
3 Credits, Course fee: $960

MORNING/AFTERNOON, SESSION CE8
July 13-July 28, 9:00am-4:15pm
W-2-056, A. Yanow, Class No 1499

Education: Advanced Placement

ADVANCED PLACEMENT SUMMER INSTITUTE
See page 79.

Education: Boston Writing Project

BOSTON WRITING PROJECT SUMMER INSTITUTE
See page 80.

CERTIFICATE PROGRAM: THE TEACHING OF WRITING
See page 90.

TEACHER AS WRITER **BWPEDU 501**

Teachers of writing need to first be writers themselves. In thiscourse teachers write and meet in response groups to giveand receive feedback for revision. Reflecting on their ownexperiences as writers, participants then develop newapproaches for teaching and conferring with student writers.
3 Credits, Course fee: $960

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
M-3-204, B. Rettman, Class No 1915

WRITING IN THE CONTENT AREAS **BWPEDU 510**

This course is designed to address teachers' growing need to teach writing in specific disciplines. Participants will examine developmental learning theory connecting writing and learning, improve their own writing skills, and learn effective practices for teaching writing. Through journals, writing prompts, and reader response methods, participants will integrate theories with practice. They will examine assessment and evaluation methods for measuring students' progress. Applying their knowledge of the Massachusetts Curriculum Frameworks, they will work on interdisiciplinary teams to design units of study that reflect the needs of their school contexts and state standards.
3 Credits, Course fee: $960

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
M-3-204A, S. Belanger, Class No 2202

TEACHING AND WRITING POETRY K-12 **BWPEDU 530**

This workshop course allows teachers to expand their knowledge of poetry and its classroom applications. It incorporates ongoing writing response groups where participants write poetry and explore new themes, forms, strategies and models. Teachers will consider how critical theories translate into classroom practice and how developmental theory applies to grade level expectations. They will become familiar with a wide range of multicultural poems and poets for ages K-adult.
3 Credits, Course fee: $960

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
M-2-621, Staff, Class No 1916

Education: Teacher Education

SOCIOCULTURAL PERSPECTIVES ON EDUCATION **EDC G 606**

This course examines the interrelationships among students, schools and society. Participants learn about the ways in which race, class, language, and ethnicity influence how we define ourselves and each other in our various encounters within the broader culture of US society. The course examines the historical antecedents influencing how the lives of the immigrant and colonized peoples in the US are defined. It is designed as a foundation for understanding the policies, goals, assumptions, strategies, and practices of multicultural approaches to education; and draws on a variety of models to construct educational curricula that are multicultural and socially reconstructionist. Readings are placed within the context of public schooling today in order to develop students' "cultural consciousness" of the shared societal assumptions that we bring to our teaching experiences.
3 Credits, Course fee: $960

EVENING, SESSION CE4
July 2-Aug 2, MTuWTh 5:00-7:00pm
W-2-056, Staff, Class No 1795

EVENING, SESSION CE8
Aug 6-24, MTuWTh 7:15-9:15pm
W-1-044, Staff, Class No 2302

WEB DESIGN FOR EDUCATORS **EDC G 611**

This course will explore the use of online resources and tools in education. Special attention will be given to the integration of web resources with curriculum. Topics will include Internet search strategies, utilization of web resources, development of instructional web sites, electronic portfolio assessments and online instruction.
3 Credits, Special course fee: $1120

ONLINE, SESSION CEO
May 29-Aug 23
A. Chen, Class No 1747

EVALUATION AND DESIGN OF EDUCATIONAL SOFTWARE **EDC G 612**

This course provides participants with methods and strategies for evaluating and designing educational software and other applications of advanced information technology.
Prerequisite: EDC G 610 or permission of instructor.
3 Credits, Special course fee: $1120

ONLINE, SESSION CEO
May 29-Aug 23
Staff, Class No 2205

TEACHING WRITING IN THE K-12 CLASSROOM EDC G 621

This course deals with the teaching of writing, the teacher as writer, and the interactions between reading and writing. Readings and presentations offer up-to-date information, theory, and practical techniques for teaching reading and writing in all subject areas.Students meet regularly in reader-writerresponse groups to work on their own writing and to respond to one another's writing about reading. There are a number of guest lecture-demonstrations by elementary and secondary teachers who are teacher/consultants with the Boston Writing Project. The course combines writing process theory with practical methods.
Prerequisite: Permission of graduate program director; please call the Graduate College of Education, 617.287.7625.
3 Credits, Course fee: $960

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
W-2-125, P. Golden, Class No 1793

INCLUSION, K-12 EDC G 630

This course examines the theoretical and practical issues that teachers must address as they implement the effective inclusion of children with disabilities in general education classrooms. Topics include the legal foundations of inclusion; appropriate strategies for supporting the academic, behavioral, and social aspects of inclusive teaching; and strategies for productive interactions with other educators and parents. The course's central premise is that inclusion requires collective attention to individual needs within the general education program. Participants become familiar with the roles of the general education teacher in special education, develop learning and behavior plans to address student needs, and acquire practice in analyzing school activities to maximize effective participation by a range of students. The course includes a field experience component.
3 Credits, Course fee: $960

EVENING, SESSION CE1
May 29-June 28, MTuWTh 5:00-7:00pm
W-1-042, R. Goodale, Class No 1532

EVENING, SESSION CE4
July 5-Aug 2, MTuWTh 5:00-7:00pm
W-1-020, R. Goodale, Class No 1533

DEVELOPMENTAL STAGES: CHILDHOOD TO ADOLESCENCE EDC G 644

This course examines current research and theory about human intellectual, social, and affective development from infancy through adolescence. Topics include the development of linguistic, symbolic, and quantitative systems, cognition, creativity, the developmental interactions of culture, thought, language, and learning, and the implications of current developmental theory and research for educators.
Prerequisite: Permission of graduate program director; please call the Graduate College of Education, 617.287.7625.
3 Credits, Course fee: $960

EVENING, SESSION CE1
May 29-June 28, MTuWTh 5:00-7:00pm
W-2-056, K. Bennett, Class No 1794

EVENING, SESSION CE4
July 5-Aug 2, MTuWTh 7:15-9:15pm
W-2-056, K. Bennett, Class No 1797

UNDERSTANDING READING: PRINCIPLES AND PRACTICES EDC G 646

This course introduces theoretical and instructional issues in the development of reading, writing, listening, and speaking. It engages participants in reflective, critical consideration of students' diverse needs in the acquisition of literacy. Strong emphasis is given to assessment-driven instruction in a comprehensive literacy program requiring eight hours of daytime field experience. Topics include a study of oral language as it affects emergent literacy development via use of the running record; literacy lesson planning; strategies for beginning reading and writing; classroom management issues related to responsive, differentiated literacy instruction; and ideas for strengthening the home-school connection. A consistent focus is the teacher's role as a knowledgeable decision-maker and skilled practitioner in facilitating literacy learning in a caring, principled, respectful manner.
3 Credits, Course fee: $960

EVENING, SESSION CE1
May 29-June 28, MTuWTh 7:15-9:15pm
W-1-042, Staff, Class No 1534

EVENING, SESSION CE4
July 5-Aug 2, MTuWTh 5:00-7:00pm
W-1-042, Staff, Class No 1535

CONTENT LITERACY EDC G 648

Content literacy, as it is expressed through reading and writing in schools, is the focus of this course. The course aims to provide students with the following knowledge, skills and strategies: developing students content responses in writing in the middle and secondary classroom; understanding the reading process and the notion of content literacy; assessing student writing and reading responses, as well as selecting and assessing appropriate content and texts; understanding how English language learners approach reading and writing in the classroom; and understanding the current research on various areas related to content literacy. The course will introduce students to various reading and writing strategies and contexts/ approaches to enhance reading and writing in middle and high school classrooms. The course focuses on the interplay between reading and writing in schools. The course readings and assignments offer up-to-date information, theory, and practical techniques for developing the use of writing and understanding reading in all subject areas.
3 Credits, Course fee: $960

EVENING, SESSION CE4
July 5-Aug 2, MTuWTh 7:15-9:15pm
W-1-042, Staff, Class No 1802

DESIGNING MIDDLE AND SECONDARY CURRICULUM AND LEARNING STRATEGIES — EDC G 660

This course examines current principles of curriculum and instruction, and state and national standards for the teaching of the disciplines at the middle and secondary school levels. Students review teaching materials and methods, design curriculum units, develop strategies for communicating with students from diverse backgrounds, do micro-teaching, design assessment and evaluation instruments, and critique their own and one another's efforts. This is a field-based course in which students are asked to reflect on the learning and teaching they see in a variety of school sites, and apply what they observe as they design curriculum units.
3 Credits, Course fee: $960

EVENING, SESSION CE4
July 2-Aug 2, MTuWTh 7:15-9:15pm
W-1-043, Staff, Class No 1798

EVENING, SESSION CE8
Aug 6-24, MTuWTh 5:00-7:00pm
W-2-124, Staff, Class No 2304

ASSESSMENT IN TEACHING — EDC G 663

This is an introduction to the theoretical and practical issues of classroom assessment. Participants develop competence in selecting and using appropriate and educationally sound assessments. They compare and analyze different forms of authentic and standardized assessment (including the MCAS and MCET exams); gain practice in evaluating and responding to student work; compare and design rubrics and rating scales; consider the premises and effects of high-stakes testing; and develop assignments and assessment tasks. The focus throughout is on assessment strategies that enhance the learning of all students and that make creative use of the cultural diversity that characterizes urban classrooms.
3 Credits, Course fee: $960

EVENING, SESSION CE1
May 29-June 28, MTuWTh 7:15-9:15pm
W-1-030, Staff, Class No 2204

English

TEACHING OF LITERATURE — ENGL 611

This course develops a theory and practice for the teaching of literature, applicable to both secondary and post-secondary education. The class reads, discusses, and analyzes sample presentations on literary texts in a variety of genres. The course serves teachers, prospective teachers, and non-teachers who seek an introduction to literature from pedagogical points of view.
Prerequisite: Graduate students in ENGL only. By permission of department.
3 Credits, Course fee: $960

EVENING, SESSION CE2
May 30-July 11, MW 6:00-9:00pm
W-1-053, C. Nixon, Class No 2173

MODERN POETRY — ENGL 645

A study of major figures such as Yeats, Eliot, Pound, Williams, Stevens, H.D., Frost, Brooks, Plath, Bishop, Langston Hughes, Ted Hughes, Ginsberg, and currents such as imagism, surrealism, projectivism, confessionalism, and Beat in modern British and American poetry.
By permission of department.
3 Credits, Course fee: $960

EVENING, SESSION CE2
May 29-July 12, TuTh 5:00-8:00pm
W-6-047, K. Bowen, Class No 2308

MODERN AMERICAN FICTION — ENGL 654

This is a course in the study of significant works of American fiction written in the last century, mostly before WW II. The course discusses major American modernists, such as James, Wharton, Fitzgerald, Hemingway, Toomer, Faulkner, Hurston, as well as the critical and cultural contexts in which these works appeared. The focus is on the establishment of American fiction as a major literary form during an era of social flux, economic dislocation, and foreign wars.
Prerequisite: Graduate students in ENGL only. By permission of department.
3 Credits, Course fee: $960

EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
W-1-050, A. Divver, Class No 2174

THE HISTORY OF CHILDREN'S LITERATURE — ENGL 671

This course provides an overview of the field of children's literature and its development. The subject matter is approached with both critical and scholarly attitudes, and works are examined in historical and cultural contexts. Topics and texts include myth, folk, and fairy tale; range includes children's books from the Middle Ages and Renaissance, through materials of colonial America, the nineteenth-century moralists and fantasists, to modern classics; consideration of critical theories and questions of pedagogy is included.
Prerequisite: Graduate students in ENGL only. By permission of department.
3 Credits, Course fee: $960

AFTERNOON, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
W-1-058, M. Shaner, Class No 2175

TEACHING ENGLISH WITH TECHNOLOGY — ENGL 697

The art of teaching students to become more engaged, effective readers and writers is being altered in significant ways by the use of information technology. In this seminar, we will consider how a contemporary literacy context shaped by information technologies might impact the work of the English classroom: how technology is affecting teaching of writing, literature, and research as well as the ways it's changing the knowledge that students bring to our classrooms and their practices as readers. Actual lessons and materials will be analyzed for future technologically-mediated teaching, and participants will experiment with blogs, Wiki's, websites, webquests, and other tools. We'll also consider the impact of technology on our own learning, as we work with an interactive course website designed for UMB English courses and hold some fully online sessions through WebCT. *By permission of department.*
3 Credits, Course fee: $960

EVENING, SESSION CE2
May 29-July 12, TuTh 6:00-9:00pm
W-2-127, E. Kutz, Class No 2307

Environmental, Earth & Ocean Sciences

INTRODUCTION TO APPLIED STATISTICS **EEOS 601**

The course will cover basic probability theory, including conditional probabilities & Bayes' theorem, permutations & combinations, random variables and expected values, distributions (including binomial, Poisson, normal, geometric, hypergeometric, Chi-square, F & Student's t), the central limit theorem, estimation, confidence intervals, hypothesis testing, including p values & confidence limits, Type I & Type II error, Student's t tests and non-parametric alternatives. The course will also cover the analysis of contingency tables & goodness of fit tests, regression & correlation, and simple one-way ANOVA. The course will make extensive use of PC-based software (e.g., MatlabTM, SPSS or R).

3 Credits, Special course fee: $1120

ONLINE COURSE

ONLINE, SESSION CE0
May 29-Aug 23
E. Gallagher, Class No 2288

BIOLOGICAL OCEANOGRAPHIC PROCESSES **EEOS 630**

The processes which govern the population dynamics of phytoplankton, zooplankton, and benthos will be studied in the context of ecological simulation modeling. Calculus recommended, but not required.

3 Credits, Special course fee: $1120

ONLINE COURSE

ONLINE, SESSION CE0
May 29-Aug 23
E. Gallagher, Class No 2289

Gerontology

DEGREE PROGRAM: MS IN GERONTOLOGY (MANAGEMENT OF AGING SERVICES TRACK)

See page 85.

CERTIFICATE PROGRAM: GERONTOLOGY (FOCUS ON MANAGEMENT OF AGING SERVICES)

See page 89.

SOCIAL ASPECTS OF AGING **GERON GR 621**

This course presents a social perspective on the aging process. It considers social factors that influence aging and the nature of the integration of the aged into society, as well as the way in which population aging affects the society as a whole. The course also looks at social theories of aging, paying special attention to changing social roles, social stratification and aging, and the development of institutions for the aged. Gender, race, ethnicity, and class are discussed as social categories that influence aging and that play a role in the determination of social policy for the aged. Readings on the status, role, and culture of the aged are drawn from the literature of sociology, economics, and anthropology.

3 Credits, Special course fee: $1120

ONLINE COURSE

ONLINE, SESSION CE0
May 29-Aug 23
P. Rivard, Class No 1819

PSYCHOLOGY OF AGING **GERON GR 628**

This course focuses on the psychosocial processes throughout the second half of life, from middle age through the young/old and old/old years. It addresses both normal aging and psychopathology. Of special concern is the question of whether there are any systematic, intrinsic, psychological or personality changes associated with development in later life. The course also focuses on the processes used to cope with age associated transitions ranging from empty nest to impending death. It explores theoretical models with a behavioral slant. It addresses the policy implications of psychological changes in later life. Topics addressed include the most common psychopathologies, Alzheimer's Disease, the psychodynamics of institutionalization and family care of the very old.

3 Credits, Special course fee: $1120

ONLINE COURSE

ONLINE, SESSION CE0
May 29-Aug 23
E. Birchander, Class No 1562

FINANCIAL MANAGEMENT IN AGING SERVICES **GERON GR 680**

The objective of this course is to introduce principles and applications of healthcare/long-term care financial management based on theory and practices in Accounting and Finance. The course focuses on issues that are important to managers for planning and decision-making in the eldercare industry. It will also provide students with the tools to work within the context of the competitive and regulatory environments that impact all managerial decisions. For any organization, either for-profit or non-profit, the three critical elements of financial management are (1) basic knowledge about accounting information, (2) relevant industry factors and (3) principles of economics upon which many types of business decisions are made. Although the user is not aspiring to become a CPA, in order to make informed decisions it is essential to have an understanding of the terminology and techniques of generating and reporting accurate, relevant financial information.

3 Credits, Course fee: $960

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
M-2-616, K. Verma, Class No 1918

History

RESEARCH SEMINAR **HIST 600**

This research and methods course will examine reform movements in American history and help students develop their skills and finding and using a variety of historical sources. There will be common readings and online discussion of six reform movements: the Great Awakening, the abolitionist movement, the women's suffrage movement, temperance, the Native American Indian movement, and the gay and lesbian rights movement. In addition to online discussion of these six topics and of historical research methods and sources, and several short written assignments, students will find and use primary sources to write a lengthy paper on a reform movement of their choice.

Prerequisite: Graduate degree student.

3 Credits, Special course fee: $1120

ONLINE COURSE

ONLINE, SESSION CE0
May 29-Aug 23
T. Hacsi, Class No 1827

COLLOQUIUM: THE ATOMIC BOMB **HIST 605**

For this collquium, we will read books describing the developments that made the Atomic Bomb possible, the making of the Atomic Bomb itself, and the debate over its use in 1945. Students will participate in discussions on the books and write a paper that will compare the books and examine the main themes expressed in them.

3 Credits, Special course fee: $1120

ONLINE, SESSION CEO
May 29-Aug 23
S. Discala, Class No 2123

Instructional Design

DEGREE PROGRAM: MEd IN INSTRUCTIONAL DESIGN

See page 85.

CERTIFICATE PROGRAM: INSTRUCTIONAL TECHNOLOGY DESIGN

See page 89.

INTRODUCTION TO INSTRUCTIONAL DESIGN **INSDSG 601**

The goal of this course is to provide new and experienced professionals in both corporate and public sectors with the basic theoretical and practical skills needed to design, deliver and evaluate training. Participants will explore the theories of instructional design through readings and practical applications.

3 Credits, Special course fee: $1120

ONLINE, SESSION CEO
May 29-Aug 23
L. Poklop, Class No 1829

THE ADULT AS LEARNER **INSDSG 602**

Students are introduced to the body of knowledge concerning adults as learners. This course focuses on the principles of adult education, learning styles, variables that affect adult learning, motivation techniques, appropriate training methodologies, reinforcement of learning, skill transfer, and measurement procedures for identifying learner characteristics.

By permission of department.

3 Credits, Special course fee: $1150

NANTUCKET, SESSION CE6
July 23-27, By arrangement
For more info, please call 617.287.5980 or email instructionaldesign@umb.edu.

COMMUNICATION THEORY FOR ORGANIZATIONS **INSDSG 604**

This course focuses on the study of communication as applied to instructional technology, and on theories of media communication. It covers audience variables, systems of media analysis, message structure, environmental factors, and the integration of these elements into an efficient communication model.

Prerequisites: INSDSG 601 and 602 and Graduate degree student. By permission of department

3 Creidts, Special course fee: $1150

NANTUCKET, SESSION CE6
July 30-Aug 3, By arrangement
For more info, please call 617.287.5980 or email instructionaldesign@umb.edu.

PLANNING AND DESIGN OF EDUCATIONAL MULTIMEDIA PROGRAMS **INSDSG 640**

This course provides an overview of the process of designing interactive multimedia instruction. Since instructional multimedia is created and delivered in a technical environment, the course covers a combination of technical and non-technical topics. We will discuss the technical environment and tools used to create and deliver multimedia instruction; the technical requirements and educational value of various media elements; how to structure multimedia experiences and how to plan multimedia projects.

3 Credits, Special course fee: $1120

ONLINE, SESSION CEO
May 29-Aug 23
Staff, Class No 1832

UNDERSTANDING THE IMPORTANCE OF DIVERSITY **INSDSG 697**

Including, but not a concentration on, "political correctness," this course will examine such questions as: 1) the origin of individual differences, 2) differences as threatening to the individual and the organization 3) the impact of the diversity of individual behavior both at work and at home, and finally 4) the importance of incorporating diversity in the design and delivery of instruction. Utilizing the laboratory method of instruction, this experiential process will engage students in a heightened awareness and the behavioral consequences of diversity for instructional designers.

3 Credits, Course fee: $960

EVENING, SESSION CE2
May 29-July 10, TuTh 6:00-9:00pm
S-2-062, W. Braun, Class No 2245

Latin

CONVENTICULUM BOSTONIENSE 2007: LATIN BY THE SEA

See page 78.

VIRGIL **LATIN 510**

This course focuses on readings in the works of Virgil, with primary emphasis on the Aeneid. Significant attention is paid to historical and cultural context, literary history and epic genre, Virgil's poetic and patriotic programmes and poetic diction, as well as to secondary, scholarly literature.

Prerequisite: Graduate degree student.

3 Credits, Course fee: $960

AFTERNOON, SESSION CE8
July 9-July 26, MTuWTh 1:00-4:00pm
M-1-616, F. Nisetich, Class No 2107

Nursing

CERTIFICATE PROGRAM: NURSE PRACTITIONER (GERONTOLOGICAL/ADULT AND FAMILY)

See page 89.

ADVANCED PATHOPHYSIOLOGY NURSNG 614

This course focuses on the analysis, interpretation, and evaluation of pathophysiological processes throughout the lifespan. Relevant research is integrated into evidenced-based nursing practice.

Prerequisite: Permission of department.

3 Credits, Special course fee: $1120

ONLINE COURSE

ONLINE, SESSION CEO
May 29-Aug 23
Staff, Class No 1638

ADVANCED HEALTH ASSESSMENT NURSNG 615

This course focuses on the development of advanced practice nursing skills in health assessment for urban populations. Concepts, theories, and research on human development, anticipatory guidance, prevention, and early detection of risk factors and disease are emphasized. Critical thinking, diagnostic reasoning, and communication skills are developed through practice with case guide vignettes and simulated practice experiences specific to the student's area of advanced practice nursing in the college laboratory.

Prerequisite: Permission of department.

3 Credits, Special course fee: $1120

ONLINE COURSE

ONLINE, SESSION CEO
May 29-Aug 23
Staff, Class No 1639

PHARMACOLOGY FOR ADVANCED PRACTICE NURSES NURSNG 634

The course focuses on the role of advanced practice nurses in applying pharmacotherapeutics to the management of health and illness in populations at risk for morbidity and mortality. Students acquire advanced knowledge as a foundation for prescribing and monitoring pharmaceutical and alternative therapeutic agents. Emphasis is placed on synthesis of pharmacokinetics and pharmacodynamics principles for the prevention and treatment of acute and chronic illnesses. Evidence-based outcomes, consensus guidelines, and research studies are critiqued. Ethical, legal, and risk-management issues are discussed.

Prerequisite: Permission of department.

3 Credits, Special course fee: $1120

ONLINE COURSE

ONLINE, SESSION CEO
May 29-Aug 23
K. Fabiszewski, Class No 1640

MENTAL AND PSYCHOSOCIAL HEALTH PROBLEMS OF THE URBAN FAMILY NURSNG 637

Multicultural individuals and families at risk for mental and psychosocial problems are considered within the context of urban living. Nursing theory and research is applied to developing processes of care for individuals across the life span with mental health and psychosocial problems. Students learn evidence-based care including cognitive-behavioral, psychopharmacological, and non-traditional approaches to psychosocial and related physical problems. Research related to environmental, psychosocial, genetic, economic, family systems, developmental risk factors, drug efficacy, and nonpharmacological approaches for individuals with mental and psychosocial illness is investigated. The impact of contemporary health care policy and legislative proposals on quality, cost, and access to care is investigated.

Prerequisite: Permission of department.

3 Credits, Special course fee: $1120

ONLINE COURSE

ONLINE, SESSION CEO
May 29-Aug 23
S. Cannon, Class No 2126

Spanish

CERTIFICATE PROGRAM: THE TEACHING OF SPANISH
See page 87

TECHNOLOGY FOR THE SPANISH-LANGUAGE CLASSROOM **SPAN 502**

This course is specifically designed for pre-service and in-service teachers of Spanish as a foreign language. The primary goal of the course is to explore the pedagogical implications of using a wide array of technological resources in the Spanish language and culture classroom. This class will also explore how Internet technology can be used as a springboard for cultural analysis and comparison. Students will examine current pedagogical theories related to language teaching and learning and will design a curricular unit that includes samples of all technologies examined. All coursework will be based on the Massachusetts Curriculum Frameworks for Foreign Languages and the National Educational Technology Standards for Students.
3 Credits, Special course fee: $1040

EVENING, SESSION CE4
July 5-Aug 2, MTuWTh 5:00-7:00pm
M-1-616, S. Mraz, Class No 1860

SPAIN: BETWEEN PAST AND FUTURE **SPAN 550**

This interdisciplinary course introduces students to contemporary Spain, its literature, art, architecture, music, film, history, politics and society. The course explores Spain's most salient 19th, 20th and 21 century social and cultural transformations. Advanced fluency in Spanish required.
3 Credits, Special course fee: $1120

ONLINE COURSE
ONLINE, SESSION CE2
May 29-July 12
J. Gutierrez, Class No 2155

SPANISH IN USE: AN INTRODUCTION TO PRAGMATICS **SPAN 597**

Both the Massachusetts Curriculum Framework for Foreign Languages and the National Standards for Foreign Language Learning highlight the importance of the use of language in context in the development of communicative competence. They also stress the importance of the students' awareness of the linguistic differences between their first and second language. Some of the principles relating language to real life contexts are not language specific and, so, can be easily imported into a second language. Others are not. This course introduces linguistic pragmatics: the study of language use. It is specifically designed to help preservice and in-service teachers of Spanish import both general and language-particular principles of language use into their teaching portfolios. The course will be taught entirely in Spanish.
3 Credits, Special course fee: $1040

EVENING, SESSION CE6
July 17-Aug 23, TuTh 6:00-9:00pm
M-2-624, L. Alonso-Ovalle, Class No 2156

Special Education

CERTIFICATE PROGRAM: ORIENTATION & MOBILITY
See page 87.

BEHAVIORAL AND CLASSROOM MANAGEMENT **SPE G 607**

This course identifies major theorists, techniques, and procedures for facilitating constructive behavior in the classroom. Topics include observational recording systems, contingency contracting, and monitoring of behavioral progress. Emphasis is on prosocial skill development and classroom structures conducive to collaborative learning. Field work components are included.
3 Credits, Course fee: $960

EVENING, SESSION CE1
May 29-June 28, MTuWTh 7:15-9:15pm
W-2-056, R. Goodale, Class No 1869

INTRODUCTION TO DISABILITIES FOR EDUCATIONAL PROFESSIONALS **SPE G 621**

This course focuses on the physical, cognitive, behavioral, and psychological aspects of the atypical developmental patterns of children and adolescents with varying disabilities. Emphasis is given to the conceptual frameworks for understanding normalcy, including cultural, racial, ethnic and linguistic expectations, family, community, and peer group norms, and gender roles and stereotypes within the context of today's urban schools. Legal definitions of disabilities are stressed as well as the range of learning differences within typical development. This course includes a fieldwork component.
By permission of department.
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE, SESSION CEO
May 29-Aug 23
C. Clark, Class No 1984

BUILDING COLLABORATIVE PARTNERSHIPS WITH FAMILIES OF STUDENTS WITH DISABILITIES **SPE G 630**

The course focuses on implementing effective strategies in working with parents of exceptional children. Participants become sensitive to the issues of parenting a child with special needs and learn to establish a collaborative relationship with parents that makes the best possible use of available resources.
Prerequisite: Graduate degree student in Special Education.
By permission of department.
3 Credits, Special course fee: $1120

ONLINE COURSE
ONLINE, SESSION CEO
May 29-Aug 23
C. Clark, Class No 2203

INTERNATIONAL PROGRAMS

Field School in Prehistoric Archaeology in Belize

BELIZE, CENTRAL AMERICA, JUNE 14-JULY 8

This summer the Anthropology Department will offer a field school on Mayan archaeology in Belize, Central America. The project area and field camp are located in a tropical rainforest within the Programme for Belize Conservation Area—a protected reserve for flora, fauna, and archaeological remains. The 2007 summer season will include a number of different investigations, such as support population studies (survey, mapping, excavation) at several localities, small and large site excavation, and the excavation and testing of agricultural features.

Successful participants will be awarded six undergraduate credits for the course ANTH 485, Field Research in Archaeology. Graduate credit is also available.

The fee for this program is $2,750 (undergraduate) or $3,350 (graduate), which covers all instruction, housing, and meals. This fee does not include insurance or transportation between the US and Belize.

For further program information, please contact Dr. Lauren A. Sullivan in the Anthropology Department - (tel. 617.287.6850; email lauren.sullivan@umb.edu).

The application deadline is May 5, 2007. To apply, contact Susan Griffin (susan griffin@umb.edu; 617.287.7278).

Caribbean Studies Summer Institute: History, Culture, and Society - Puerto Rico and the Virgin Islands

CAYEY, PUERTO RICO, JUNE 4-JULY 10

"Puerto Rico and the Caribbean Today" offers students an interdisciplinary approach integrating sociological, anthropological, and historical perspectives, to the study of Puerto Rican and Caribbean society and culture. Students will be introduced to key social-scientific concepts such as race, ethnicity, nation, culture, and their relevance or irrelevance in the attempt to understand Caribbean cultures and identities. The program combines classroom instruction with field experience, including presentations by guest lecturers, social activities, and several day and weekend trips.

Upon successful completion of the program, participants will receive six academic credits in anthropology (ANTH 274) and sociology (SOCIOL 480).

The program fee of $2,750 covers classroom instruction, housing on the campus of the University of Puerto Rico at Cayey, breakfast and lunch during week-days (students are responsible for dinner expenses). The program fee also covers hotel accommodations for required overnight weekend field trips. Program fee does not include ferries, museum and archaeological site entrance fees, or meals on weekend field trip excursions.

For further program information, please contact Jorge Capetillo in the Department of Sociology (tel. 617.287.6284; email jorge.capetillo@umb.edu).

The application deadline is May 1, 2007. To apply, contact Susan Griffin (susan griffin@umb.edu; 617.287.7278).

China Today: Culture, History, and Politics

TSINGHUA UNIVERSITY, BEIJING, JUNE 18-JULY 7

"China Today" will provide an extraordinary opportunity to learn firsthand about Chinese culture, historical traditions, and the social transformations taking place in China. Opportunities to visit major historical sites like the Great Wall of China, the Forbidden City, Tian'anmen Square, Ming Tombs, and palaces are an integral part of the program. Students will be taught by faculty of Tsinghua University, the top-ranked university in mainland China. Participants will live and have their meals at Tsinghua.

Participants can earn three undergraduate credits in either East Asian Studies or History. A non-credit option is available.

The program fee is $2,750, covering classroom instruction and materials, plus program expenses including room, meals, and scheduled field activities. The fee does not cover books, insurance, or transportation between the United States and China.

For further program information, please contact Allan Guo (allan.guo@umb.edu; 617.287.7291).

Applications are reviewed every week until May 1st. To apply, contact Susan Griffin (susan griffin@umb.edu; 617.287.7278).

Entrepreneurship in the U.S. and China

TSINGHUA UNIVERSITY, BEIJING, JUNE 4-JUNE 27

This course will offer students an in-depth look at how business is conducted in China, through a two-week stay at Tsinghua University in Beijing. Through lectures from UMass Boston Professor Raymond Liu and members of the Tsinghua University faculty, as well as visits to leading firms in and around Beijing and to the Beijing 2008 Olympic Committee, students will gain insights into Eastern business practices and opportunities. Upon returning to Boston, students will visit corresponding American firms to compare business practices and identify culturally specific strategies and procedures.

Participants can earn three elective credits in the UMass Boston MBA Program. This course will count toward the specialization in International Management and will satisfy the International Business requirement.

The program fee of $2,450 covers all instruction and field activities in Boston and China and covers all housing, meals, and group-sponsored transportation in China. The fee does not include insurance or transportation between the U.S. and China.

To apply or receive more information, please contact William Koehler, MBA Director (tel 617.287.7855; email william.koehler@umb.edu). The application deadline is May 15.

To apply, contact Susan Griffin (susan griffin@umb.edu; 617.287.7278).

Ireland Today: Culture, Politics and Society

INCH HOUSE IRISH STUDIES CENTRE, COUNTY DONEGAL JUNE 12-JULY 1

"Ireland Today," offered by UMass Boston's Political Science Department in cooperation with The University of Derry and Inch House Irish Studies Centre in Ireland, is designed for students interested in observing Irish society firsthand and analyzing their experience within the context of cultural, political, and economic issues in contemporary Irish society.

Participants successfully completing of the program will receive up to six academic credits in political science (POLSCI 377 and POLSCI 480). Students have the option to enroll for three credits only. To receive six credits, students work on a substantial seminar paper involving field research while in Ireland plus a set of guided readings and additional research to be completed upon their return to the US.

The program fee is $2,750, and covers instruction in Ireland and at UMass Boston, field trips, lectures, travel within Ireland, housing and two daily meals. The fee does not include insurance or transportation between the US and Ireland.

For further program information, please contact Maurice Cunningham in the Political Science Department (tel. 617.287.6924; email maurice.cunningham@umb.edu).

Applications are reviewed weekly until May 2. To apply, contact Susan Griffin (susan griffin@umb.edu; 617.287.7278).

The New Europe and the European Union

AMSTERDAM, JUNE 16-30, 2007

UMass Boston, in cooperation with the University of Amsterdam, is offering a program that provides a comprehensive picture of the current social, political, economic and cultural developments affecting the European Union and its member countries. The Netherlands will serve as a "case study." The program includes three days in Brussels (the capital of the European Union), a visit to The Hague (World Court; Dutch Parliament) and a weekend excursion to Edam, a picturesque rural Dutch village.

Participants successfully completing of the program receive six credits in Political Science (POLSCI 355 and 480). Students have the option to enroll for three credits only. To receive six credits, students complete a research paper plus a set of guided readings upon their return to the US.

The program fee is $2,750 and covers all instruction in The Netherlands and at UMass Boston, field trips, housing, trip to Brussels, some meals and all local transportation in Amsterdam. The fee does not include insurance or transportation between the US and Amsterdam.

For program information, contact Professor Primo Vannicelli, (tel. 617.287.6944; email primo.vannicelli@umb.edu).

Applications are reviewed weekly until April 2. Early applications are strongly encouraged. To apply, contact Susan Griffin (susan griffin@umb.edu; 617.287.7278).

Le Paris des Parisiens

PARIS, FRANCE, JULY 3-14, 2007

UMass Boston is pleased to partner with The French and Spanish Traveler, Inc. to offer an intensive French language and culture professional development experience in Paris, the city of light and France's magnificent capital. This two-week workshop, designed exclusively for educators, is comprised of seminars and field activities that will focus on contemporary issues as well as traditional aspects of French culture and society. Professor Mathilde Sitbon of Dartmouth University's Paris Foreign Study Program will direct the academic portion of the program, and guide extraordinaire Sylvie Gazannois will ensure that participants enjoy an "insider's" experience of the Paris of Parisians. Guided excursions are designed to extend and deepen seminar topics, and ample opportunities will be provided for participants to explore Paris's many distinctive neighborhoods (arrondissements), museums, bookstores, and restaurants. Participants will actively build on their academic and field experiences to think through new language and culture teaching strategies and to boost their lesson plans, as they enhance their mastery of French. Educators are sure to come away with an experience to remember and share with their students.

Upon successfully completing the program, participants earn three graduate credits in the UMB course FRENCH 500.

The program fee of $3,049 covers tuition and fees, program expenses including hotel lodging, some meals, local transportation, and scheduled field activities. The fee does not cover books, optional travel insurance, some meals, and transportation to and from Paris. *Note:* Participants can elect additional excursions for an additional fee.

The program fee is divided into $650 paid directly to UMass Boston; the balance of $2,399 is paid directly to The French and Spanish Traveler, Inc.

For academic information, contact Professor Brian Thompson, Director, Le Centre National de la Chanson, UMass Boston (tel. 617.287.7569; fax: 617.287.7585; brian.thompson@umb.edu).

For program schedule and options, contact Valerie Sutter, Director, The French & Spanish Traveler, 244 Shopping Ave, #366, Sarasota, FL 34237; tel. 800.251.3464, fax 941.952.9224; email: trips@frenchspanishtraveler.com or visit www.frenchtraveler.com

The deadline is April 25, 2007; applicants are encouraged to apply early to reserve a space. Applications received after this date may incur additional charges. To apply, contact Susan Griffin (susan.griffin@umb.edu; 617.287.7278) or download an application from: www.ccde.umb.edu/international/.

Spanish Language and Culture in Mexico

CUERNAVACA, MEXICO, JUNE 3-JULY 8

Each summer, UMass Boston's Department of Hispanic Studies offers a special program in the beautiful city of Cuernavaca, Mexico, for students interested in learning Spanish in a totally Hispanic cultural environment. Through formal and informal instruction, the program aims to develop proficiency in conversation and writing and an appreciation of Mexican culture. The program offers language instruction at the elementary, intermediate, and advanced levels.

Successful participants can earn up to six academic credits.

The program fee of $2,750 covers classroom instruction and materials, plus program expenses including room, meals, and scheduled field trips. It does not cover insurance or transportation between the United States and Mexico.

For further program information, please contact Susan Mraz in the Hispanic Studies Department (tel. 617.287.6872; email susan.mraz@umb.edu).

The application deadline is April 27, 2007. To apply, contact Susan Griffin (susan griffin@umb.edu; 617.287.7278).

FIELD STUDY

Field Schools in Archaeology

HASSANAMESITT WOODS PROJECT
GRAFTON, MASSACHUSETTS
MAY 29-JUNE 29

This summer the Department of Anthropology in conjunction with the Andrew Fiske Center for Archaeological Research will sponsor a field school in historical archaeology at Hassanamesitt Woods in Grafton, Massachusetts. This field program is designed for graduate and advanced undergraduate students in anthropology, archaeology, history, and American Studies. Students accepted into the program will receive training in archaeological excavation and material culture analysis as well as field conservation. Students will also be able to gain additional laboratory experience by registering for a separate class that will follow the field school. Successful participants will be awarded six or eight undergraduate or graduate credits for ANTH 485/585, Field Research in Archaeology.

The fee for this program is as follows:
6 credits, undergraduate: $1,775; 6 credits, graduate: $2,440.
8 credits, undergraduate: $2,233; 8 credits, graduate: $3,120
The program fee covers instruction, field activities, housing, and meals, but does not cover transportation to or from the site.

For more information, please contact Professor Stephen Mrozowski in the UMass Boston Anthropology Department (tel 617.287.6842; email stephen.mrozowski@umb.edu).

EASTERN PEQUOT RESERVATION
N. STONINGTON, CONNECTICUT
JULY 1-AUGUST 3

The Department of Anthropology is offering a five-week archaeological field course on the Eastern Pequot reservation, in southeastern Connecticut. In collaboration with the Eastern Pequot Tribal Nation, the field school will conduct testing and excavation at 17th- through 19th-century sites as part of the ongoing effort to understand Pequot responses to European colonialism and reservation life. Students will receive training in techniques such as map-making, subsurface surveying, excavation, artifact processing, and material culture identification. Ethics, heritage, and politics in contemporary archaeology will also be explored. Students who successfully complete the course will earn 6 credits (ANTH 485 or ANTH 585).

The fee for undergraduate credit is $1840 and $2180 for graduate credit. The fee covers instruction, field activities, museum visits and projects, housing, and food. The fee does not cover basic student supplies, insurance, or transportation to and from the field school.

Application deadline is April 6; applications will begin being reviewed in February. Forms are available via download from: www.faculty.umb.edu/stephen_silliman/research.html or by contacting the professor directly.

For more information, please contact Professor Stephen Silliman at stephen.silliman@umb.edu or by mail at the Department of Anthropology, University of Massachusetts Boston, 100 Morrissey Blvd., Boston MA 02125-3393; ph. 617.287.6854.

SUMMER PROGRAMS on NANTUCKET

Summer Light: Plein Air Painting

ART 380
JUNE 4-15

Summer Light '07 will be an intensive, in-depth painting experience that will use the Plein Air painting approach as a jumping-off point to the summer landscape. Initially we will look at the techniques of its inventor, Corot, and his circle. Our investigation will move quickly to contemporary approaches and attitudes. Investigating landscape in broad interpretation will be encouraged; from the macro to the micro, fauna, flora and wildlife could become subjects. Also, use of the camera and working from photographs will be explored. Slide shows, demonstrations, one-on-one meetings, and group critiques, as well as working outside and in the studio, will comprise our activity. Come energized and prepared to get a lot of painting done!

During their stay, students will be housed at Gouin Village, a complex close to the shops and restaurants of historic downtown Nantucket. Classes will be held at one of the Nantucket Artists Association studios in town.

Prerequisite: two studio courses including drawing, or permission of the instructor.

The fee for this three-credit program is $1085. This fee covers instruction and housing on Nantucket. It does not cover meals or transportation to and from Nantucket.

For further information, please contact Elaine Sullivan (tel 617.287.7915; email elaine.sullivan@umb.edu).

Coastal Ecology

BIOL 100
AUGUST 6-17

This marine biology course serves as an introduction to field research methods and will familiarize students with the flora and fauna of this unique island. This is a UMass Boston General Education course.

The fee for this three-credit program is $1025, and covers instruction and housing on Nantucket. It does not cover meals or transportation to and from Nantucket.

For further information, please contact Greg Beck at greg.beck@umb.edu.

Marine And Coastal Ecological Research

BIOL 306
AUGUST 19-31

Supervised research on the adaptations and interactions of organisms of the beaches, salt marshes, sand dunes, and embayments of Nantucket. Meets every weekday during two weeks of the summer at the University's Field Station on Nantucket. In addition to learning the ecology of Nantucket's fascinating marine and coastal habitats, this course will give students experience in field research, experimental design, data analysis, and research presentation.

Prerequisite: BIOL 290, 210, or 252.

The fee for this three-credit program is $1075, and covers instruction and housing on Nantucket. It does not cover meals or transportation to and from Nantucket.

For further program information, contact Elizabeth Boyle at elizabeth.boyle@umb.edu.

Graduate Courses on Nantucket

THE ADULT AS LEARNER **INSDSG 602**
See page 71.

COMMUNICATION THEORY FOR ORGANIZATIONS **INSDSG 604**
See page 71.

SUMMER PROGRAMS at DARTMOUTH, MASS.

Conventiculum Bostoniense 2007 Latin By The Sea

AUGUST 5-11

The Conventiculum is a full-immersion residential experience for teachers of Latin at all levels, offered by the Classics Department at UMass Boston. Two different graduate level courses are offered, one for first time attendees and one for returning participants as described below. Activities for all participants will include sessions focused on guided discussion or prose composition, communal meals, and excursions to the beach, the Whaling Museum in New Bedford and a local vineyard. After the first evening of the program, Latin will be the only spoken language.

Latin 597 – Active Learning Methodologies for Teachers of Latin

Designed as the first-year experience for attendees at the Conventiculum Bostoniense, this course introduces teachers of Latin to theories of second language acquisition, through which they may assess the effectiveness of various methods used in the Latin classroom, and engages them intensively with two major active methodologies for language learning: oral/aural communication and written composition.

Latin 597 – Living Text: Cicero's Pro Archia

Designed for repeat attendees of the Conventiculum Bostoniense, this course engages students in intensive study of Cicero's Pro Archia, incorporating both traditional pedagogical approaches (grammar-translation method, study of relevant scholarship) and active learning methodologies (especially those that build competence in oral and written production of Latin, such as oral paraphrase, contextual discussion, Socratic questioning, written response and rephrasing).

The Conventiculum will be held in the facilities of UMass Dartmouth, which is located near the south coast of Massachusetts.

The program fee is $1315, which includes the cost of classroom materials, transportation and admission for all activities, housing, and three communal dinners. The fee does not cover the cost of books, meals not listed above, or transportation to and from the Conventiculum.

For program information, please contact Jacqueline Carlon, Assistant Professor, Classics Department, tel: 617-287-6121; email: jacqueline.carlon@umb.edu

Application deadline is March 31. Applications received after this date will be considered if space is available.

SUMMER INSTITUTES

Advanced Placement Summer Institute

The Advanced Placement Summer Institute offers course-specific training designed to support new and experienced teachers in all aspects of AP course content, organization, and methodology. Each course runs from 8:30am to 4:00pm.

AP CHEMISTRY
JUNE 25-29

Designed for current and future AP chemistry teachers in urban schools, the course will focus on AP chemistry content and process skills including AP-specific test taking strategies, lab experiments, and curriculum.

AP CHINESE LANGUAGE AND CULTURE
JULY 23-27

This course provides an overview of the content and structure of the newly created AP Chinese Language and Culture curriculum. Teachers will become familiar with the goals and objectives of the AP Chinese Language and Culture course and review sample questions and grading standards of the exam given for the first time in May 2007.

AP ENGLISH LANGUAGE AND COMPOSITION
JULY 16-20

The basic structure and content necessary for success on the AP English Language and Composition examination will be discussed. This course will address various reading selections, teaching strategies and approaches and different assessment tools. Rhetorical patterns, language, usage, AP exam response scoring, and literary analysis will also be reviewed.

AP ENVIRONMENTAL SCIENCE
JUNE 25-29

Designed for current and future AP environmental science teachers in urban schools, this course examines AP environmental science content and process skills including AP-specific test taking strategies, lab experiments and field opportunities. Special emphasis will be made on the development of students' critical thinking skills and the challenges of teaching AP environmental science in an urban setting.

AP UNITED STATES HISTORY
JULY 16-20

This course is designed to help new or experienced US History teachers develop or modify a curriculum for United States history with an emphasis on preparing students for the AP examination.

AP STATISTICS
JULY 23-27

This course is designed to help teachers prepare their students for the college-level Advanced Placement Statistics course. Participants will learn how to organize an AP Statistics course, review the major concepts and tools for collecting, analyzing and drawing conclusions from data, and become familiar with the framework of the AP exam.

AP LATIN: VERGIL
JULY 30- AUGUST 3

This course will concentrate on the Vergil Exam for the AP syllabus. Special attention will be given to materials that could expand teacher and student knowledge. We will explore ways to embed vocabulary, figures of speech, scansion, and grammar into the syllabus. By the end of the course students will have prepared a portfolio and a CD-ROM that they can take back to their classrooms for immediate use.

For more information on the UMass Boston Advanced Placement Summer Institute, contact Dr. John White at 617.287.7290 or at john.white@umb.edu

American Studies Summer Institute

SPREADING THE NEWS: MASS MEDIA IN AMERICA, PAST AND PRESENT
KENNEDY LIBRARY, JULY 9–20

For over two decades, the American Studies Summer Institute has afforded school teachers and graduate students an opportunity to explore in depth a topic drawn from American history, politics, culture, or social policy. The intensive two-week program held at the John F. Kennedy Presidential Library and Museum includes informative and thought-provoking lectures and discussions led by a distinguished group of scholars and guests.

This year's program offers a critical examination of the news media in the United States. We will look at the development and, in some cases, demise of various forms of media from the Penny Press to the Internet, and examine how different subjects, issues, and "beats" have been covered. Through the lens of historical, cultural, and political perspectives, we will explore the the role of the media in influencing personal attitudes and behavior. We will also discuss how the media shapes and is shaped by public policies and discourse.

Participants may earn three graduate credits in American Studies. AMST 687. For those wishing to receive graduate credit, the fee for this grant-supported course is $195. (A non-credit option is available for $100.) Graduate students must complete a major paper. Teachers who wish to receive graduate credit must complete a 10-page research paper, annotated bibliography, and lesson plan. Teachers may receive PDPs upon completion of a lesson plan.

For further information, please contact Meghan MacKenzie, Program Assistant, Kennedy Library Education Department at 617.514.1581 or meghan.mackenzie@nara.gov.

The application deadline is May 31.

Admission to this program is by permission of instructor.

Boston Writing Project Summer Institute

BOSTON CAMPUS, JULY 9-AUGUST 2

The Boston Writing Project offers selected teachers—from kindergarten to college—a variety of opportunities to become better teachers of writing. Within all project activities, teachers examine the writing processes used by themselves, their colleagues, and their students; study current research, theory, and practice in the teaching of writing; and approach the teaching of writing in a cross-disciplinary context. Teachers perform daily writing assignments and meet in small groups to discuss and improve their own writing. Additionally, an important part of the institute is that they make formal presentations to each other on some aspect of their own teaching of writing. They also hear staff and consultant presentations on key topics in the field, and read current publications on theory, research, and practice in the teaching of writing.

Participants in the Invitational Institute are eligible to enter the BWP's certificate program in the Teaching of Writing. The Summer Institute awards credit for BWPEDU 501, The Teacher as Writer, and EDC G 621, Teaching Writing K-12.

Teachers interested in enrolling should contact the Institute for Learning and Teaching (tel. 617.287.7665; email: bwp@umb.edu ; Web www.bmp.umb.edu).

Haitian Creole Summer Institute

BOSTON CAMPUS, JUNE 25-JULY 13

The Haitian Creole Summer Institute has been offered in Massachusetts for the past twenty years. Since the summer of 1995, the Institute has been conducted at UMass Boston under the joint collaboration of the Africana Studies Department, the Haitian Studies Project, and the Division of Corporate, Continuing, and Distance Education.

The Institute will have two components. There will be a three-week intensive program in different levels of Haitian Creole. Also offered is a course in techniques of translation for advanced students. In addition to class work, all courses make use of cultural activities to enhance the study of the language. Evaluation of student achievement and proficiency for placement and progress will be conducted both informally and formally during and at the conclusion of the course.

To give participants an additional immersion in the Haitian-speaking environment they will have an opportunity to participate, on a voluntary basis, in field work activities in different Haitian community-based organizations and agencies outside the classroom time.

Per-course fee is $595. To register, use the registration form on page 95 and the following schedule numbers:

Haitian Creole I: #2090 ; Haitian Creole II: #2091
Haitian Creole III: #2092; Techniques of Haitian Creole Translation: #2093

For more information, contact Professor Marc Prou in the Department of Africana Studies (tel. 617.287.6796; email marc.prou@umb.edu).

The JFK Series

Boston has an exceptionally rich history as the home to political figures of national and international prominence. Chief among these is the Kennedy family. The University of Massachusetts Boston recognizes this unique role that Boston and the Kennedy family have played and offers The JFK Series to acknowledge this history.

The JFK Series presents special topics about President John F. Kennedy, his life, political career, and his family. Some of the offerings will be held in the remarkable John F. Kennedy Presidential Library and Museum designed by architect I.M. Pei on Boston's waterfront. Others will be held on the UMass Boston campus.

Topics will vary for each series. The following credit and non-credit offerings are available in the summer of 2007.

AMERICAN STUDIES SUMMER INSTITUTE—SPREADING THE NEWS: MASS MEDIA IN AMERICA, PAST AND PRESENT

July 9-20
(For more details, see page 80.)

This intensive two-week program held at the John F. Kennedy Presidential Library and Museum includes informative and thought-provoking lectures and discussions led by a distinguished group of scholars and guests. This year's program offers a critical examination of the news media in the United States.

THE KENNEDYS OF BOSTON — AMST 380

This course provides a background on the Kennedys and their times. It analyzes some of the political and cultural processes of which the Kennedys were a part, and in particular traces the rise of the Kennedy family in the context of the Boston Irish. Audio-visual material is used where appropriate to examine the role played by the media, that is, print, film, and television, then and now, in forming popular images of the Kennedy family.
3 Credits, Course fee: $687; $295 non-credit

UMASS BOSTON CAMPUS, SESSION CE6
July 16-Aug 22, MW 1:30-4:30pm
M-1-010, F. Danker, Class No 2290

PRESIDENT KENNEDY: FOREIGN POLICY — HIST 479

This course examines President Kennedy's vision of America's role in the world and his major foreign policy decisions, their execution and consequences. Specific attention is given to U.S. – Soviet relations, and Cold War crises concerning Germany (Soviet threats to sign a separate treaty with East Germany, access to Berlin, Berlin Wall); Cuba (Bay of Pigs, Cuban Missile Crisis); and Vietnam (nation-building and counterinsurgency).
3 Credits, Course fee: $687; $295 non-credit

UMASS BOSTON CAMPUS, SESSION CE2
May 29-July 12, TuTh 6:00-9:00pm
Room W-1-045, R. Sauer, Class No 2668

JOHN F. KENNEDY: THE MAN

This non-credit two-day seminar is a study of John F. Kennedy the man. Emphasis is given to his philosophy and approach to life; important life experiences (family, schooling at Choate and Harvard, European travel in the late 1930s, naval service in World War II, marriage to Jacqueline Bouvier, fatherhood); and his approach to politics and power as a Congressman, Senator and President of the Untied States. Classes consist of lectures and discussions. A tour of the John F. Kennedy Presidential Library and Museum is included.
1 CEU/10 PDPs, Course fee: $230

JFK LIBRARY, ATLANTIC ROOM
June 12-13, 9:00am-3:00pm TuW
Class No 2594

PRESIDENT KENNEDY'S 1963 EUROPEAN TRIP: IRELAND AND GERMANY

This non-credit two-day seminar is a study of President Kennedy's trip to Europe in 1963, and its place in the President's foreign policy. Students will learn about President Kennedy's vision of America's role in the world and its commitment to Europe and the NATO alliance. Emphasis is given to President Kennedy's historic speech at the Berlin Wall and his visit to Ireland, which had special meaning to the only American Roman Catholic of Irish ancestry to serve as President of the United States. Classes consist of lectures and discussions. A tour of the special exhibit, "A Journey Home: John F. Kennedy in Ireland", at the John F. Kennedy Presidential Library and Museum is included.
1 CEU/10 PDPs, Course fee: $230

JFK LIBRARY, ATLANTIC ROOM
July 24-25, 9:00am-3:00pm TuW
Class No 2595

For more information on The JFK Series, please contact Cindy Jimenez (617.287.7876; cindy.jimenez@umb.edu) or visit ccde.umb.edu/kennedy.

Online Courses

Our online courses have been developed by UMass Boston faculty and use the WebCT Vista course management system.

A list of online courses available this summer can be found on the following page. Descriptions and schedule information for these courses are available in the main course listings on pages 14-70, where online courses are marked with the symbol at left.

You can register for these courses just as you would for any other credit course, using the registration form on page 96, following the instructions on page 3; if you register by mail or fax, please be sure to clearly print your email address.

Registered online students will receive a confirmation of registration in the mail AND a notification about a week before the course is due to start, giving password, Login ID and location of the login gateway website. This notification will come as an Email to the account given at registration.

Our online courses mostly follow a thirteen-week schedule. More information can be found in the Academic Calendar (inside front cover).

As an enrichment of the online learning experience, each of these courses will include either two on-campus class meetings or two synchronous chat sessions, to be scheduled at the convenience of the students and instructor. Students unable to attend will be given alternative opportunities for enrichment.

Please be sure to read information about online learning at ccde.umb.edu/dl.

FURTHER INFORMATION

If you need further information about UMass Boston online courses, contact Kitty Galaitsis (617.287.7918; katharine.galaitsis@umb.edu) or visit ccde.umb.edu/dl.

Online Degree and Certificate Programs

Many of our degree and certificate programs can be completed entirely or primarily through online study, including the following:

DEGREE PROGRAMS

- MA in Applied Linguistics, ESL Concentration
- MS in Family Therapy Counseling
- MS in Mental Health Counseling
- MS in Rehabilitation Counseling
- MS in School Guidance Counseling
- MS in Gerontology (Management of Aging Services Track)
- MEd in Instructional Design
- BS in Nursing for Registered Nurses
- Online Degree Completion Program (BA in Community Studies)

UNDERGRADUATE CERTIFICATES

- Community Media and Technology
- Fundamentals of Information Technology

GRADUATE CERTIFICATES

- Adapting Curriculum Frameworks for All Learners
- Critical & Creative Thinking (Focus on Creativity at Work)
- Gerontological/Adult and Family Nurse Practitioner (NP) Post Master's Certificate
- Gerontology (Focus on Management of Aging Services)
- Instructional Technology Design
- Instructional Technology for Educators

PROFESSIONAL TRAINING PROGRAMS (NON-CREDIT)

- Alcohol/Chemical Dependency Treatment Services
- Human Resource Management
- Project Management
- Urban Landscape & Garden Development

Further information about these programs is available on pages 82-93.

Summer 2007 Online Courses

UNDERGRADUATE ONLINE COURSES

- AF 201, Personal Finance (page 42)
- ANTH 107, Intro to Archaeology (page 17)
- ANTH 367, Social & Cultural Perspectives on Witchcraft and Sorcery (page 18)
- CLSICS 280, Cities of Vesuvius: Pompeii and Herculaneum (page 20)
- COMSTU 100, Intro to Communication (page 20)
- COMSTU 210, Using Internet Communication (page 20)
- COMSTU 300, Information Technology and Human Communication (page 20)
- CS 109, Computer Programming for Engineers (page 55)
- EASIAN 363L, Modern Japan (page 22)
- ECON 101, Intro to Microeconomics (page 22)
- ECON 102, Intro to Macroeconomics (page 22)
- ENVSTY 101, The Nature of Environmental Problems (page 56)
- HIST 112, Modern Western Civilization (page 27)
- HIST 166, American History since 1877 (page 28)
- HIST 201, Monarchs, People and History (page 28)
- HIST 304, The Dark Ages (page 28)
- HIST 307, Age of Renaissance and Reformation (page 28)
- HIST 363L, Modern Japan (page 28)
- HIST 433, Mussolini and Fascism (page 29)
- LATIN 102, Latin (page 30)
- MATH 125, Introductory Statistics (page 57)
- MGT 130, Intro to Business (page 46)
- MGT 331, Managerial Ethics and Social Issues (page 46)
- MSIS 105, Intro to Information Systems (page 47)
- MSIS 212, Managerial Decision Making (page 48)
- MSIS 223, Intro to System Security (page 48)
- MUSIC 248, Universe of Music (page 32)
- MUSIC 258, American Music in Wartime (page 32)
- NURSNG 360, Professional Issues in Nursing (page 49)
- NURSNG 361, Health Assessment and Promotion (page 49)
- NURSNG 362, Nursing Research & Information (page 50)
- NURSNG 461, Community Health Nursing for RNs (page 50)
- NURSNG 462, Legal, Ethical & HealthPolicy & Capstone-RNS (page 50)
- OCC ED 221, Teaching and Assessing the Vocational Technical Learner (page 61)
- POLSCI 224, The Political Novel (page 34)
- POLSCI 410, The Politics of International Economic Relations (page 34)
- POLSCI 424, American Foreign Policy (page 34)
- PSYCH 100, Introductory Psychology (page 35)
- PSYCH 230, Social Psychology (page 36)
- SOCIOL 160, Social Problems (page 38)
- SOCIOL 367, Drugs and Society (page 41)
- SOCIOL 368L, Alcoholism: Etiology & Epidemiology (page 41)
- SPAN 101, Elementary Spanish I (page 42)
- SPAN 102, Elementary Spanish II (page 42)
- WOST 260, Women's Health Care (page 43)

GRADUATE ONLINE COURSES

- COUNSL 601, Research and Evaluation in Psychology (page 65)
- COUNSL 621, Introduction to Family Therapy (page 66)
- CRCRTH 612, Seminar in Creativity (page 66)
- EDC G 611, Web Design for Educators (page 64)
- EDC G 612, Evaluation and Design of Educational Software (page 67)
- EEOS 601, Introduction to Applied Statistics (page 70)
- EEOS 630, Biological Oceanographic Processes (page 70)
- GERON GR 621, Social Aspects of Aging (page 70)
- GERON GR 628, Psychology of Aging (page 70)
- HIST 600, Research Seminar (page 70)
- HIST 605, Colloquium: The Atomic Bomb (page 71)
- INSDSG 601, Intro to Instructional Design (page 71)
- INSDSG 640, Planning and Design of Educational Multimedia Programs ((page 71)
- NURSNG 614, Advanced Pathophysiology (page 72)
- NURSNG 615, Advanced Health Assessment (page 72)
- NURSNG 634, Pharmacology for Advanced Practice Nurses (page 72)
- NURSNG 637, Mental and Psychosocial Health Problems of the Urban Family (page 72)
- PRFDVL 5V06, Web Design for Educators (page 61)
- SPAN 550, Spain: Between Past and Future (page 73)
- SPE G 621, Introduction to Disabilities for Educational Professionals (page 73)
- SPE G 630, Building Collaborative Partnerships with Families of Students with Disabilities (page 73)

More Online Learning Opportunities: umassonline.net

Online courses from throughout the University of Massachusetts system can be accessed through UMassOnline, your gateway to the UMass world of excellent and affordable online education. For more info, please visit: umassonline.net.

Videoconferencing (ITV) Courses

These courses are offered in a videoconferencing format, by which students at remote sites may participate in a lecture class via real-time two-way video, with the technical assistance of UMass Boston's Multi-Site Education (MUSE) program. If your organization is interested in having courses delivered to a remote location by videoconferencing technology, please contact Kitty Galaitsis (617.287.7918; katharine.galaitsis@umb.edu).

Each of the undergraduate and graduate programs described on pages 81-87 leads to a degree or certificate granted by one of the University's colleges. The requirements for these programs can be fulfilled either entirely or in part through courses offered by the Division of Corporate, Continuing, and Distance Education.

These degree and certificate programs serve a multitude of needs for a variety of participants: undergraduate and graduate students, working professionals who need to update or expand their qualifications, and those seeking to pursue a new career path.

Please note that students enrolling in a UMass Boston degree or certificate program pay a one-time Combined New Student Fee of $345.

FINANCIAL AID SERVICES

Through UMass Boston's Office of Financial Aid Services, grants, loans and part-time employment are available to eligible students enrolled in degree and approved certificate programs. Applicants are encouraged to apply early, as funds are limited. Once an application for aid is submitted at www.fafsa.ed.gov, each applicant is considered for all forms of aid available through Financial Aid Services.

All eligible students are considered fairly and equally, without regard to race, color, sex, age, religion, national origin, sexual orientation, disability, or veteran status.

For more information about Financial Aid Services at UMass Boston, please go to our web site at

http://www.umb.edu/students/financial_aid/index.html

For information about employment opportunities for students, please refer to

http://www.umb.edu/students/employment/

DEGREE PROGRAMS

- MA in Applied Linguistics (ESL concentration)
- MS in Family Therapy Counseling
- MS in Mental Health Counseling
- MS in Rehabilitation Counseling
- MEd in School Guidance Counseling
- MS in Gerontology (Management of Aging Services Track)
- MEd in Instructional Design
- BS in Nursing for Registered Nurses
- Online Degree Completion Program (BA in Community Studies)

UNDERGRADUATE CERTIFICATES

- Community Media and Technology
- Fundamentals of Information Technology
- Geographic Information Technologies
- Human Service Practice
- Spanish Court Interpretation
- Spanish/English Translation

GRADUATE CERTIFICATES

- Adapting Curriculum Frameworks
- Applied Behavioral Analysis
- Critical & Creative Thinking (Focus on Creativity at Work)
- Database Technology
- Dispute Resolution
- Forensic Services
- Gerontology (Focus on Management of Aging Services)
- Instructional Technology Design
- Instructional Technology for Educators
- Orientation and Mobility
- Teaching of Spanish
- Teaching of Writing
- Women in Politics and Public Policy

DEGREE PROGRAMS

MA in Applied Linguistics (English as a Second Language Concentration)

AVAILABLE ONLINE

This 30-credit program focuses on the acquisition of English as a second or subsequent language, as well as cross-cultural relationships and interethnic communication. Its interdisciplinary core curriculum includes courses in basic and contrastive linguistics, psycholinguistics, sociolinguistics and cross cultural perspectives, together with courses on teaching methodology for elementary, secondary, and adult education programs. The on-line program will offer a minimum of four courses each semester. Because students' day and time constraints are not an issue for on-line teaching, those offerings will allow students to complete within four semesters of matriculation the ten courses required for the degree. Thirty graduate units are required of all degree candidates.

For more information, call 617.287.6000 or email aplingonline@umb.edu.

MS in Family Therapy Counseling

AVAILABLE ONLINE

The On-Line MS program in Family Therapy is committed to a vision of strengthening healthy families by preparing ethical and qualified professionals who embrace an inclusive perspective of interconnected systems. The curriculum is comprised of basic professional counseling content and theory and provides comprehensive framework for learning family therapy. It meets the academic and clinical requirements for accreditation from the Commission on Accreditation for Marriage and Family Therapy Education (COAMFTE). The courses lead students to view families as entities within larger social systems and promote collaborative, inclusive, and integrative systems approaches. The curriculum offers students in the family therapy track an optimal perspective for supporting individuals, families, and communities in urban environments, and provides them with a framework for developing skills to facilitate dialogue with marginalized individuals, families, and communities. Courses are completed online over a 3-year period; during the second summer, two on-campus courses are completed, lasting two weeks.

For more information, contact Amy Cook at 617.287.7661 or email to medcounseling@umb.edu.

MS in Mental Health Counseling

AVAILABLE ONLINE

The Department of Counseling and School Psychology is offering a master's degree in Mental Health Counseling primarily online. It is a 60-credit master's which meets the academic requirements for licensure in the state of Massachusetts as a Mental Health Counselor (there are additional post graduate clinical experience requirements for licensure). Students complete a series of general counseling courses and courses specific to mental health counseling. In addition, students complete field experiences in mental health settings through practicum and internship. The field experiences may be completed in local agencies of program students and they will be supervised via conference calls and online chats.

For more information, contact Amy Cook at 617.287.7661 or email to medcounseling@umb.edu.

MS in Rehabilitation Counseling

AVAILABLE ONLINE

The Department of Counseling and School Psychology is offering a master's degree in Rehabilitation Counseling primarily online. It is a 60 credit master's which meets the academic requirements for national certification as a Certified Rehabilitation Counselor. The Program is nationally accredited through the Council On Rehabilitation Education. Students must attend a two week session in late June and early July where they take two clinically based courses. Also, students complete a series of general counseling courses and courses specific to rehabilitation counseling. In addition, students complete field experiences in rehabilitation counseling settings through practicum and internship. The field experiences may be completed in local agencies of program students and they will supervised via online chats. Scholarships are available for qualified students.

For more information, contact Amy Cook at 617.287.7661 or email to medcounseling@umb.edu.

MEd in School Guidance Counseling

AVAILABLE ONLINE

The Department of Counseling and School Psychology is offering a master's degree in School Guidance Counseling primarily online. It is a 60-credit master's which meets the academic requirements for certification in the state of Massachusetts as a Guidance Counselor. Students complete a series of general counseling courses and courses specific to guidance counseling. In addition, students complete field experiences in school settings through practicum and internship. The field experiences may be completed in local schools of program students and they will be supervised via conference calls and online chats.

For more information, contact Amy Cook at 617.287.7661 or email to medcounseling@umb.edu.

MS in Gerontology (Management of Aging Services Track)

AVAILABLE ONLINE

The Management in Aging Services Track offers students an advanced degree in the growing field of long-term care. This is a new program that will afford professionals in the aging network the opportunity to broaden their perspectives and develop management skills. Students will develop skills in policy development and analysis, program management, administration, and finance with a focus on the aging population. The program requires 30 credit hours, or 10 courses (eight required courses and two electives). Courses will be offered either online or in interactive television (ITV) format. A graduate certificate may be earned by taking 15 hours of relevant course work.

For more information about the program and admissions requirements, email to ellen.birchander@umb.edu or lillian.glickman@umb.edu.

MEd in Instructional Design

AVAILABLE ONLINE

UMass Boston's MEd Program in Instructional Design offers a practical master's degree that is ideal for career professionals engaged in the education, training, and development of adult learners in the workplace. The 36-credit program combines a total of 12 courses and submission of a thesis or capstone project. An independent study and a field experience may be included. Students complete five (5) required courses and choose electives from other offerings within the program or from a wide range of graduate offerings throughout the university.

For more information, call 617.287.6000 or email instructionaldesign@umb.edu.

BS in Nursing for Registered Nurses

AVAILABLE ONLINE

The online Bachelor of Science in Nursing for RN's maximizes accessibility and convenience for highly motivated, independent professionals. There is, however, a requirement that students attend a residential orientation prior to the commencement of the online Nursing classes; additional residential time is required for four hours during the Health Assessment and Promotion course. Students from out of state should contact the program office to discuss arrangements for completing these requirements at a distance. The Nursing course portion of the program operates on a cohort model, whereby a group of students completes the same program of study over five semesters. The six-credit nursing courses are taught online in the Summer, Fall and Spring sessions. The twenty units of non-nursing general education and elective courses may be satisfied through the Division of Corporate, Continuing and Distance Education (CCDE) with online courses (if available), in a traditional course at UMass Boston, or (with prior approval from the College of Nursing and Health Sciences) at another accredited college or university.

For more information about the program and admissions requirements, send an email to RN2BS@umb.edu.

Online Degree Completion Program (BA, Community Studies)

AVAILABLE ONLINE

The Online Degree Completion Program allows returning students a flexible and convenient way to finish their degrees. This 30-unit (ten-course) program offers returning students with 90 or more credits the opportunity to earn a Bachelor of Arts in Community Studies—totally online. The requirements for this program have been packaged in such a way that you will benefit from a well-rounded and integrated learning experience that also affords you maximum credit for previously completed coursework no matter what your previous major or area of study. You'll enjoy a program of study that provides a solid foundation in academic skills, as well as an interdisciplinary content focused on contemporary issues in public policy, social sciences and applied liberal arts. This special Community Studies plan is an academically challenging program which examines human communities, their histories and cultures, their identities and values, institutions and economies, as well as their problems and prospects. The content and method of this program are drawn from the social sciences as well as the liberal arts, public policy, ethnic studies and global studies.

For additional program and contact information, visit ccde.umb.edu/certificates.

UNDERGRADUATE CERTIFICATES

Community Media & Technology

AVAILABLE ONLINE

This two-semester, six-competency, 18-credit certificate program is designed to provide students with the key competencies they need to incorporate a range of multi-media tools into their primary responsibilities as labor activists, community organizers or agency professionals. Students in the certificate program complete the following requirements: media literacy; community action; analyzing media; media and community building; using technology; and developing a media strategy.

For more information, call 617.287.7120 or visit ccde.umb.edu/certificates.

Fundamentals of Information Technology

AVAILABLE ONLINE

The Certificate in Information Technology (CIT) is an introductory program into the information systems discipline. It covers concepts fundamental to the technology and operation of modern information systems, focusing on techniques, tools and methods used today in the development and use of computer-based applications. The program is intended for non-College of Management or non-degree seeking students. Course work involves 6 courses (18 credit hours) after completion of MSIS-IT 105 (Introduction to Computers and Information Systems). Students who complete the program will earn a certificate from the College of Management. Courses for this program will be offered in a mixture of online and on-campus formats.

For more information, contact Deborah Boisvert (tel. 617.287.7295, email deborah.boisvert@umb.edu) or visit ccde.umb.edu/certificates.

Geographic Information Technologies

This 18-credit certificate program is intended for professionals in all fields who deal with geographical data requiring spatial analysis—for example, environmental scientists, health researchers, or marketing/sales professionals. The certificate comprises courses that teach the concepts, principles, techniques and applications of computer and analytical cartography, remote sensing and digital image processing, Geographic Information Systems (GIS), Global Positioning Systems (GPS), and digital or softcopy photogrammetry. Currently it concentrates in three areas: cartography, remote sensing and GIS.

For more information, visit ccde.umb.edu/certificates.

Human Service Practice

This 18-credit certificate program is designed for human service practitioners, affording them an opportunity to participate in courses that are directly related to their work and to apply their learning directly to their practice. Students will apply a professional orientation to the context and core values of human service practice, examine different theoretical models of practice, apply them to their own practice, and establish their own best practices in human service intervention and case management. Students will also have the opportunity to build their academic skills, including critical reading, research, and academic and professional writing.

The program is delivered over a three-semester period. Each semester, students will enroll in one course that addresses two different competencies from the human service curriculum at the College of Public and Community Service (CPCS).

For additional program and contact information, visit ccde.umb.edu/certificates.

Spanish Court Interpretation

This intensive six-credit undergraduate certificate program has been specially designed to provide qualified applicants with an introduction to professional court interpretation. The program teaches the fundamentals of theory and practice through classroom discussion and activities, as well as through intensive laboratory exercises designed to develop interpreting proficiency. The program is tailored for both novice and practicing interpreters, as well as for qualified students. Applicants with little or no experience in interpreting will benefit from extensive laboratory practice, in-class discussion and exercises. Students will devote additional time in visits to court in order to fulfill course related assignments.

For more information, or to apply, contact Peggy Fitzgerald (tel 617.287.7550; email margaret.fitzgerald@umb.edu) or visit ccde.umb.edu/certificates.

Spanish/English Translation

This two-semester, 12-credit certificate program has been designed to meet the increasing local, national, and international demand for professionals, educators, and students interested in meeting the challenges of modern multicultural, multilingual societies. Participants will explore the history, principles, theory, and practice of oral and written translation. They will practice the techniques of legal, medical, technical, general, and literary translation and learn to use specialized dictionaries and other essential reference materials. They will also improve their knowledge of English and Spanish syntaxes, morphologies, and semantic systems.

The program begins in the fall semester and concludes in the spring semester. It comprises two six-credit courses: SPAN 408, Advanced Techniques and Skills for Translation, and SPAN 409, Advanced Practice of Translation.

For more information, or to apply, contact Peggy Fitzgerald (tel 617.287.7550; email margaret.fitzgerald@umb.edu) or visit ccde.umb.edu/certificates.

GRADUATE CERTIFICATES

Adapting Curriculum Frameworks for All Learners

AVAILABLE ONLINE

This 12-credit certificate program is designed to provide educators with a working knowledge of practical applications of the principles and elements of Education Reform for the instruction of a diverse student population. The certificate combines current research, policy, and instructional practices, presented by faculty who are actively involved in changing the public school environment in Massachusetts.

For more information, contact Mary Brady (tel. 617.287.7254; email mary.brady@umb.edu) or visit ccde.umb.edu/certificates.

Applied Behavioral Analysis

AVAILABLE VIA ITV

This four-course graduate sequence, offered via ITV at specific sites as well as at the UMass Boston Campus, is designed to enable students to serve as effective practitioners who can assess, design, implement and evaluate applied behavior analysis (ABA) programs by providing them with the knowledge, concepts and skills of basic ABA principles, ethical considerations, generalization strategies, and application to special populations and settings. Students will receive guided practice with each course's content by developing a Case Study that may be course-specific, or continue across several courses. Successful completion of all four courses will meet the coursework requirement to sit for the national Behavior Analyst Certification Board licensing examination.

For more information, contact Mary Brady (tel. 617.287.7254; email mary.brady@umb.edu) or visit ccde.umb.edu/certificates.

Creative Thinking at Work

AVAILABLE ONLINE

This 15-credit graduate certificate in Critical and Creative Thinking trains people to tackle challenging real-life problems, generate new ideas, and take them through to realization in their various educational, professional, artistic, and social settings. A variety of approaches are introduced to invention, dialogue, listening, and teamwork that promote creativity. Certificate students learn to confront ambiguous and complex problems, reflect deeply and bring insights to the surface, transform the giving of feedback into a mutual learning experience, build relationships of trust and enthusiastic acceptance of diverse perspectives, articulate a practical vision, and collaborate in bringing it to fruition. CCT Certificate students take two core courses, three elective courses, and complete an exit performance as part of one of the courses taken. CCT Master's students, graduate students from other programs, advanced undergraduates, and special students are welcome to enroll in individual courses. Note: M.A. students must get permission from their advisor before registering for online courses and will not be permitted to count more than four online courses from UMass Boston towards their degree.

For more information, contact Peter Taylor (tel 617.287.7636, email cct@umb.edu) or visit www.cct.umb.edu/CTAWcert.html

Database Technology

This 12-credit certificate program is geared towards programmers and software professionals who wish to acquire a systematic education in database technology. It provides a solid anchoring in state-of-the-art database technology and trains students to become database application developers or database administrators. A bachelor's degree is required. The candidates should have substantial programming experience; knowledge of databases is not expected.

For more information, contact Elaine Sullivan (tel. 617.287.7915; email elaine.sullivan@umb.edu) or visit ccde.umb.edu/certificates.

Dispute Resolution

The 18-credit Graduate Certificate in Dispute Resolution is intended for people whose employment requires them to cope with conflict, and who feel that training in negotiation, mediation, or designing conflict resolution mechanisms would be useful. The curriculum focuses on conflict in communities, and in organizations such as state and local government, hospitals, labor groups, universities, courts, corporations, and schools.

The program comprises four three-credit courses and the six-credit mediation internship. All courses are taught and supervised by UMass Boston faculty with extensive mediation experience. With approval from the department, units earned in the certificate program can be applied toward the Master of Arts in Dispute Resolution.

For more information, contact Roni Lipton (tel. 617.287.7415; email roni-lipton) or visit ccde.umb.edu/certificates.

Forensic Services

Intended for criminal justice and mental health professionals, this 16-credit graduate certificate program is designed to provide a strong grounding in behavioral sciences, while at the same time offering practical skills and competencies in mental health and criminal justice, which will enable students to serve as effective professionals in a variety of social service environments. Forensic Services broadly encompass criminal investigation, social science research, law, and the workings of related social service systems.

For more information, contact Elaine Sullivan (tel. 617.287.7915; email elaine.sullivan@umb.edu) or visit ccde.umb.edu/certificates.

Gerontological/Adult and Family Nurse Practitioner (NP) Post Master's Certificate Programs

AVAILABLE ONLINE

This 12- or 21-credit certificate program is designed to assist RNs who have an MS degree in nursing to acquire the knowledge and clinical experience that will prepare them to sit for a gerontological, adult, or family nurse practitioner certification examination. Nurses holding current NP certification in adult primary care with 2 or more years of experience may apply for the 12-credit gerontological option or the 12-credit family option. RNs who have an MS in nursing from an accredited institution and 2 years experience in advanced practice nursing may apply for the 21-credit certificate program. Prerequisites include evidence of graduate course work in advanced health assessment, advanced pathophysiology and advanced pharmacology. Applicants who have not yet completed these prerequisites should consult CCDE course)bulletins for online course offerings (NURSNG) which fulfill certificate requirements.

For more information and to discuss prerequisites, contact Margaret McAllister (tel 617.287.7543, email margaret.mcallister@umb.edu) or visit ccde.umb.edu/certificates.

Gerontology (Focus on Management of Aging Services)

AVAILABLE ONLINE

The Gerontology Graduate Certificate with a focus in management of aging services is targeted to individuals in the aging network who are looking to upgrade their skills or advance in new directions within the field or for those looking to enter the field. The emphasis will be on making this an easily accessible program through use of regional video teaching sites and online courses. Class scheduling will reflect the needs of a working student population. The certificate may be earned by taking 15 hours of approved course work, including three required courses and two elective courses. Students will have the option of applying these 15 hours toward the 30-hour Management of Aging Services Master's degree program (see page 86).

For more information, contact Lillian Glickman (email lillian.glickman@umb.edu) or Ellen Birchander (tel 617.287.7338; email ellen.birchander@umb.edu).

Instructional Technology Design

AVAILABLE ONLINE

This 15-credit graduate certificate program is designed to meet the increasing challenges created by the high technology training needs of academic, corporate, and public educators. It is intended for instructional designers, training professionals and instructional technologists responsible for the design, development and management of technology-based learning programs. Educators will also find that the coursework in this program will enable them to better serve their audience. Coursework will include a balance of instruction and discussion, lab time and design teams producing multimedia projects.

For more information, contact Canice McGarry (tel. 617.287.7622; email canice.mcgarry@umb.edu).

Instructional Technology for Educators

AVAILABLE ONLINE

This 15-credit certificate from the Graduate College of Education is designed for in-service teachers who do not seek a master's degree at this time or for those who have already earned an advanced degree. The purpose of the Certificate is to prepare teachers to meet the National Technology Standards of the International Society of Technology and the Performance Indicators for Teachers and the Massachusetts Recommended PreK-12 Instructional Technology Standards. In addition, the coursework is designed to meet the subject knowledge competencies of the Massachusetts Instructional Technology licensure. Graduates of the program will develop a comprehensive performance-based technology foundation that reflects fundamental concepts and skills for using technology to support teaching and learning.

For more information, please contact Mary Brady (tel: 617.287.7254; andmary.brady@umb.edu)

Orientation and Mobility

The Certificate Program in Orientation and Mobility (O/M) is a sequence of 19 units offered through the Graduate Special Education Program for those individuals interested in obtaining certification in O/M from the international professional organization AER (Association of Education and Rehabilitation of Individuals Who Are Visually Impaired/Blind). The certificate program is designed for vision teachers or other vision professionals to provide the specialized assessment and instructional skills needed by teachers to enable children and/or adults with visual impairments to function safely and confidently in a variety of environments while effectively using their remaining senses to orient themselves.

For more information, please contact Robert McCulley, M.Ed., Program Coordinator, at 617.287.7623, or Glenn Mitchell, Ph.D., Academic Advisor, at 617.287.7620.

Teaching of Spanish

This 18-credit graduate certificate program has been designed to address the needs of pre-service and in-service teachers who need to improve or enhance their skills in the field of Spanish.

The certificate offers a flexible course of study combining both new and traditional methods of teaching the Spanish language with presentations of geographic and cultural material that reflect the traditions that make up today's Spanish speaking worlds. The certificate program also introduces the latest uses of technology in the classroom and methods of assessment.

For more information, or to apply, contact Peggy Fitzgerald (tel 617.287.7550; email margaret.fitzgerald@umb.edu) or visit ccde.umb.edu/certificates.

Teaching of Writing

This 15-credit graduate certificate program is designed for K-12 teachers and administrators in all subject areas who want to learn strategies to strengthen students' writing and thinking skills, develop expertise in teaching writing and literacy across the curriculum, gain a deeper understanding of literacy learning, and improve their own writing. Participants will examine current readings in composition, literacy and writing pedagogy, share successful teaching practices, develop and implement curriculum, and document the effects of their teaching by collecting and analyzing student work.

For more information, please contact Peter Goldman, Site Co-Director for the Boston Writing Project (tel 617.287.7665, fax 617.287.7664) or visit www.bwp.umb.edu.

Women in Politics and Public Policy

The Program for Women in Politics and Public Policy is a one-year graduate certificate program designed to encourage and train women from all walks of life for significant political participation in careers in public management, research, policy-making, consulting, planning, and administration. The program offers a unique combination of graduate-level academic work in policy studies, analytical and research skills, and carefully supervised professional field work in addition to advising, counseling, and career development services. Students in the program earn units from UMass Boston's MA program in American Studies; eligible graduates of the program may be accepted for admission with advanced standing into the American Studies Program, or into the University's MS Program in Public Affairs.

Students are required to complete eighteen units for the certificate: nine units in course work, six units for the internship, and three units through the final case-study project.

The program welcomes applicants of diverse backgrounds with a wide variety of undergraduate majors. To be eligible for admission, the applicant must: 1) hold a bachelor's degree or its equivalent; 2) submit an official transcript; 3) arrange for a personal interview with program staff; 4) submit a completed application with fee; 5) submit two written recommendations.

For more information, contact Donna Stewartson (tel 617.287.6785, email donna.stewartson@umb.edu) or visit ccde.umb.edu/certificates.

Alcoholism/Chemical Dependency Treatment Services

AVAILABLE ONLINE

The Alcoholism/Chemical Dependency Treatment Services Program (A/CDTSP) offers the highest quality education to persons seeking to begin or advance their careers in the treatment of alcohol and chemical dependence. A/CDTSP instructors are committed to helping students grow personally and professionally. Graduates of our program have contributed greatly to the field and to the program's continuing success. Now, with the recent approval of licensure for addictions professionals, the A/CDTSP program is of even greater value to those seeking licensure and those seeking continuing education hours to maintain licensure.

The program consists of six core courses plus a pre-practicum workshop and a practicum. Depending on their previous educational experience, students may need to complete two additional courses in order to meet licensure requirements.

A/CDTSP is offered in both online and classroom formats, with classes meeting either at the main UMass Boston campus or at sites in Plymouth and Framingham. Students can begin the program in either the fall or spring semester. Program coordinators at each site will assist students in with their practicum and career planning. Online students can design their path of study based on their individual needs; online courses are offered each semester, and students are welcome to join these online courses at any semester.

SUMMER 2007 A/CDTSP COURSES

PRE-PRACTICUM
Prerequisites: Completion of 2 online A/CDTSP courses
4 CEUs, Course fee: $580
May 29-Aug 23
Judith Faberman, Class No 2599

PRACTICUM
Prerequisites: Completion of 3 online ACDTSP courses, including the pre-practicum
30 CEUs, Course fee: $1,170
May 29-Aug 23
Judith Faberman, Class No TBD

PHYSIOLOGY AND PSYCHOPHARMACOLOGY
4 CEUs, Course fee: $580
May 29-Aug 23
Ronnee Yashon, Class No 2597

FAMILY & ADOLESCENT ADDICTIONS TREATMENT
4 CEUs, Course fee: $580
May 29-Aug 23
Ronne Yashon & David Price, Class No 2598

COUNSELING THE ALCOHOLIC & OTHER CHEMICALLY DEPENDENT PERSONS
4 CEUs, Course fee: $580
May 29-Aug 23
Dawn Marie Alexander, Class No TBD

DUAL DISORDER: TREATMENT OF SEVERE MENTAL ILLNESS AND SUBSTANCE ABUSE
3 CEUs, Course fee: $480
May 29- June 15
John Labaki, Class No TBD

CRITICAL TOPICS IN SUBSTANCE ABUSE TREATMENT
Prerequisites: Completion and/or current enrollment in the five core courses: Use & Abuse, Delivery, Counseling, Psychopharmacology, Family
4 CEUs, Course fee: $0
May 29-Aug 23
Dianne Doyle Pita, Course No 2596

FURTHER INFORMATION

For more information on the A/CDTSP program, or to arrange an interview, please contact Reca Quarles (tel 617.287.7900, email reca.quarles@umb.edu).

Human Resource Management

For current schedules, visit ccde.umb.edu/corporate

AVAILABLE ONLINE

The certificate program in Human Resource Management is a two-semester program designed for those seeking an overview of the human resource function and its strategic role in today's organizations. The program is recommended for general managers and supervisors, new human resource professionals, and others interested in developing practical skills in human resource management.

The program consists of the following modules, focusing on skills and competencies set forth by regional and national associations as core requirements for individuals working as human resource professionals:

- Management Practices
- General Employment Practices and the Legal and Regulatory Environment
- Compensation with Benefits
- Human Resources Development, Performance, Management, and Employee Relations
- Labor Relations
- Health and Safety
- Strategic Human Resource Management

For more information, please visit ccde.umb.edu/corporate, or contact Cindy Jimenez (tel 617.287.7876, fax 617.287.7297, Email cindy.jimenez@umb.edu).

Information Design and Development Certificate

For current schedules, visit ccde.umb.edu/corporate

AVAILABLE ONLINE

This non-credit, online certificate program offers the fundamentals required for technical communication in the high-tech industry, as well as more advanced topics for developing and delivering effective technical information.

Content areas include: Designing and developing content, user assistance, software and online authoring tools, programming languages, project management, and business practices.

The program consists of four (4) required courses, two (2) electives, and an optional internship.

For more information on the Information Design and Development certificate program, please visit ccde.umb.edu/corporate, or contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu).

Project Management Courses

For current schedules, visit ccde.umb.edu/corporate

PRACTICAL PROJECT MANAGEMENT

AVAILABLE ONLINE

Practical Project Management provides professionals with the essential skills they need to succeed in an increasingly competitive job market. Based on *The Project Management Body of Knowledge®*, this highly interactive course combines expert instruction with case studies and team exercises. In addition to technical competencies, the course covers the human and political aspects of project management by using examples from students' own projects. Participants will learn how to initiate, plan, execute, control and close a project and will be shown how to apply the ten PMBOK® knowledge areas to each phase of a project. Upon completion of the course, participants will be ready to assume the role of Project Manager and will receive the 35 contact hours required to apply for PMP certification.

NEGOTIATION SKILLS FOR PROJECT MANAGERS

For current schedules, visit ccde.umb.edu/corporate

AVAILABLE ONLINE

This course teaches project managers how to negotiate for resources that are essential to the success of projects: time, money, material, and people. Frequently, project managers are held responsible for the success of a project without having complete control of these resources. Therefore, project managers have to be skilled negotiators and conflict managers to be effective in their roles.

PMP EXAM PREPARATION

For current schedules, visit ccde.umb.edu/corporate

This intensive 2-day course is designed for professionals who are serious about passing the PMP examination. The course provides participants with a personal assessment of where they are in the preparation process by identifying strengths and knowledge gaps. At the end of the course students will have an excellent understanding of what it will take to complete their individual preparation. Each participant will leave with a personalized study plan that will greatly improve his or her chances of passing the PMP examination.

For more information, please visit ccde.umb.edu/corporate, or contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu).

Urban Landscape and Garden Development Certificate

For current schedules, visit ccde.umb.edu/corporate

AVAILABLE ONLINE

This non-credit, online certificate program recognizes the growing interest in the greening of the urban environment and the importance of creating and sustaining green spaces in cities. The focus will be on the urban setting and its public and private green spaces. Special attention will be given to community gardens and the knowlege to create and maintain them.

Content areas include: History of urban landscape design, horticulture, site planning, sustainable design (including water management), and development of community participation.

The program consists of four (4) required courses, two (2) electives, and a required internship. Upon completion of each course, you will receive 3.5 CEUs.

For more information on the Urban Landscape and Garden Development certificate program, please visit ccde.umb.edu/corporate, or contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu).

The programs in English Language Study offered by the Division of Corporate, Continuing and Distance Education provide English instruction to speakers of other languages. Programs are designed for individuals seeking to communicate more effectively and improve their performance in professional, academic, and social environments. The Division offers day and evening classes for non-native speakers at all levels of language proficiency.

The content and methods used in all courses are chosen to maximize students' language development. Therefore, strong emphasis is placed on language learning skills and strategies, and students' personal and professional interests, needs, and backgrounds are carefully considered. Instruction in each class includes a grammar review at the appropriate level, integrated with practice in listening comprehension, oral expression, reading, writing, vocabulary building, and pronunciation.

ASSESSMENT AND COURSE PLACEMENT

To ensure that students are placed in appropriate courses and levels, they must attend an assessment session. The session consists of several types of tests: grammar, listening and reading comprehension, and a writing sample. There is also an interview with a program instructor.

For evening programs, the assessment session is completed at the first scheduled class meeting. For full-time programs, the assessment process is more comprehensive. Tests are completed over the first few days of the semester, and take place in conjunction with a variety of classroom and orientation activities. Formal classes begin only after the orientation period.

REFUND POLICY

Refunds will be granted to registered students who withdraw from English Language Study programs on the following basis:

Withdrawn on or before second class meeting date:	100% refund
Withdrawn on or before third class meeting date:	50% refund

No refunds will be granted after the third class meeting date.

FURTHER INFORMATION

For more information about any of our English Language Study programs, contact Cindy Jimenez (tel. 617.287.7876, email cindy.jimenez@umb.edu).

Intensive English Programs

Classes in our Intensive English Programs take place Monday through Friday between 9:00am and 4:00pm, for a total of 24 hours per week. Some sections will meet on two afternoons per week, others on three or four afternoons per week.

The University of Massachusetts Boston will supply an I-20 form enabling students to apply for an F-1 visa for Intensive English programs.

ESL: THE INTENSIVE COURSE

The Intensive course is designed to help people learn English in the shortest possible time. The program's focus is to provide extensive practice in speaking and understanding English. Students study grammar, writing, reading comprehension, and vocabulary building.

BOSTON CAMPUS
June 5-July 27
Class No 2585
Fee: $2,450

UNIVERSITY PREPARATION

This program provides international students with intensive English language instruction and preparation for successful study at American colleges and universities. Participants experience an integrated program focusing on English language instruction, university study skills, academic course work, the college admission process, TOEFL preparation, and the American cultural experience.

BOSTON CAMPUS
June 5-July 27
Class No 2586
Fee: $2,450

Evening ESL Classes

If you are a non-native English speaker with a strong desire to improve your overall communicative ability, then the English as a Second Language Program is designed for you. The program in English Language Study at UMass offers English as a Second Language classes at three levels: ESL I (high beginner to low intermediate); ESL II (low to high intermediate); and ESL III (high intermediate to advanced).

Classes meet two evenings per week; specific days and times will be announced after the testing period. Testing is on Monday, June 4 and Tuesday, June 5 at 6:45 pm in McCormack Hall, 3rd floor, room 130. Students need attend only one testing session. Class placements are made only after testing.

BOSTON CAMPUS
June 12-August 2
Class No 2632
Fee: $475

Professional Communication for Non-Native Speakers

This course is designed for high-intermediate to advanced non-native speakers of English who seek a growing mastery of both English proficiency and communication skills necessary for success in the professional workplace environment. Class work will focus on oral presentation and short written reports.

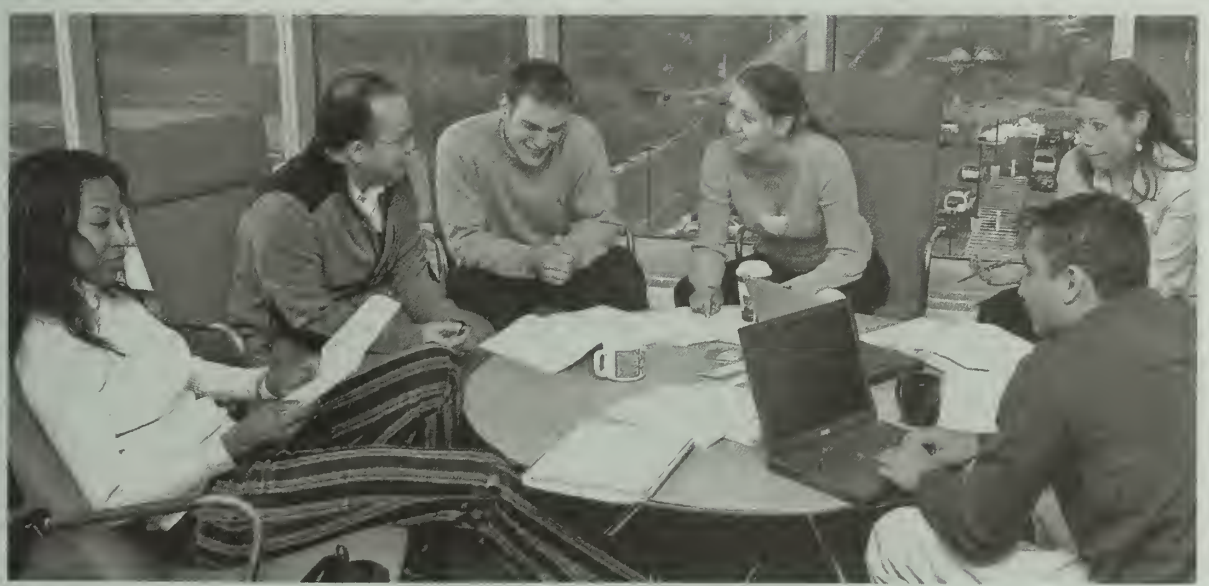
Classes meet two evenings per week; specific days and times will be announced after the testing period. Testing is on Monday, June 4 and Tuesday, June 5 at 6:45 pm in McCormack Hall, 3rd floor, room 130. Students need attend only one testing session. Class placements are made only after testing.

BOSTON CAMPUS
June 12-August 2
Class No 2631
Fee: $475

TOEFL Test Preparation

For current schedules, visit ccde.umb.edu/esl/toefl

The Test of English as a Foreign Language, or TOEFL, is nearly universally required by American universities (both graduate and undergraduate schools), as well as by secondary schools and many corporations and businesses, when these institutions make admission and hiring decisions, respectively. TOEFL Test Preparation is designed to accommodate students at intermediate and advanced levels of English proficiency who wish to enhance their ability to achieve the highest possible score. TOEFL study focuses on intensive, comprehensive practice of skills specifically demanded by the TOEFL test. As a standardized test, it is important to understand that there are particular techniques and strategies that students can learn and practice to maximize their chances of scoring well. Students will also take authentic computerized-based practice tests in computer labs utilizing software that closely matches the actual test. This course may be extended into a full-time program by special arrangement.



Graduate Test Preparation Courses

Developed in conjunction with the Office of Career Services, these review courses offer preparation for the Graduate Record Examination (GRE), Graduate Management Admission Test (GMAT), and Law School Admission Test (LSAT), providing intensive classroom sessions that cover all sections of each exam. Each course involves extensive exam practice, including a full-length practice test given under exam conditions. All courses meet at our main campus in Boston. Enrollment is limited. Please register early, using the form on page 99.

Note: Additional sections of grad prep courses are being added as this publication goes to press. For an up-to-date schedule, call 617.287.7914.

REVIEW FOR THE GRADUATE RECORD EXAMINATION (GRE)

We will still offer regularly scheduled prep courses; however, the GRE exam is available only online at designated centers. For further information, please call 800-GRE-CALL.

TuTh 6:00-9:00pm
April 10-May 17
Course fee: $450
Class No 6471

TuTh 6:00-9:00pm
June 5-July 12
Course fee: $450
Class No 2625

TuTh 6:00-9:00pm
Sept 11-Oct 18
Course Fee: $450
Class No TBD

REVIEW FOR THE LAW SCHOOL ADMISSION TEST (LSAT)

Test Date: June 11
TuTh 6:00-9:00pm
April 24-May 31
Course fee: $450
Class No 12785

Test Date: Sept 29
TuTh 6:00-9:00pm
Aug 21-Sept 27
Course fee: $450
Class No TBD

Test Date: December 1
TuTh 6:00-9:00pm
Oct 18-Nov 29
Course Fee: $450
Class No TBD

REVIEW FOR THE GRADUATE MANAGEMENT ADMISSION TEST (GMAT)

We will still offer regularly scheduled prep courses; however, the GMAT exam is available only online at designated centers. For further information, please call 800-GMAT-NOW.

Due to student input, the GMAT Review schedule will change to a 4-hour, Tuesday-only format beginning with the Aug 21-Oct 9 section.

M 6:00-10:00pm
April 23-June 25
Course fee: $450
Class No 6473

Tu 6:00-10:00pm
Aug 21-Oct 9
Course fee: $450
Class No TBD

Tu 6:00-10:00pm
Oct 16-Dec 4
Course fee: $450
Class No TBD

Math Refresher Course

For those who are either math-phobic or interested in refreshing their math skills—for GMAT and GRE prep courses and exams, and other professional or educational endeavors—this course offers a review of the fundamentals of arithmetic, algebra, and geometry. Included in the course are basic math operations, word problems, graphs, quadratic equations, formula solving and manipulation, and basic concepts of geometry. Students will be introduced to the language of math. Math shortcuts will also be presented. When possible, courses are scheduled in advance of our six-week GMAT and GRE prep course offerings. To register for this course, use the form on page 99.

MW 6:00-9:00pm
April 25-May 16
Course fee: $250
Class No 6476

MW 6:00-9:00pm
July 25-Aug 15
Course Fee: $250
Class No 2629

FURTHER INFORMATION

For more information about our test prep and math refresher courses, call 617.287.7900.

Boston Area Advanced Technological Education Connections (BATEC)

Boston Area Advanced Technological Education Connections (BATEC) is a National Science Foundation funded center that is working to develop and promote a coordinated, self-sustaining, regional education and workforce development system for IT—one that will attract a diverse student population to IT careers, promote lifelong learning of IT skills and support the workforce needs of the region's IT companies and departments.

BATEC will develop and promote a coordinated, self-sustaining, regional education and workforce development system for IT, one that will attract a diverse student population to IT careers, promote lifelong learning of IT skills and support the workforce needs of the region's IT companies and departments.

For more information about BATEC, contact Deborah Boisvert (tel 617.287.7295, email deborah.boisvert@umb.edu), or visit www.batec.org.

China Program Center

The China Program Center at the University of Massachusetts Boston seeks to advance scholarly and business collaborations between China and America through innovative programs including practical training, trade missions, government exchanges, and joint academic ventures.

The Center provides the specific tools needed to build successful American-Chinese joint ventures. It brings extensive business and cultural knowledge about the two countries to its audiences through innovative academic courses, training sessions, internships, workshops, and mentorships.

UMass Boston's China Program Center addresses many critical needs both for Chinese audiences (global leadership skills, university faculty training, and graduate and undergraduate degree programs) and for American audiences (knowledge of how to do business in China, China-based cultural programs, and courses that focus on the best practices in the teaching of Mandarin).

For more information about the China Program Center, contact Allan Guo, Director (tel 617.287.7291, email allan.guo@umb.edu).

Confucius Institute for Chinese Language and Culture

The University of Massachusetts Confucius Institute at UMass Boston was established in collaboration with Renmin University of China and The High School Affiliated to Renmin University of China, with the sponsorship and authorization of Hanban, the Office of Chinese Language Council International, under the Ministry of Education, China.

The mission of the Confucius Institute is to promote understanding of Chinese language and culture in the communities served by the University. Through courses, conferences, travel, and cultural events, the Institute will provide opportunities for cultural exchange and collaboration between the US and China.

Chinese Language Instruction
The characters of Chinese writing have long appeared mysterious to non-Chinese readers. But today, Americans are enthusiastically embracing the study of Chinese language. The Confucius Institute will present credit courses which intertwine language instruction with cultural awareness, serving students at all skill levels from basic Mandarin for business and travel to more advanced study.

Seminars in Chinese Culture
Contemporary Chinese culture reflects a rich and remarkable history that spans 5,000 years. The Confucius Institute will present cultural seminars that illuminate topics such as the Chinese political system, economic development, values and etiquette, philosophy, and Confucianism in management.

Programs for Teachers of Chinese
With many schools adding Chinese to their language curriculum, there is a growing demand for licensed instructors. The Confucius Institute will help meet this demand by offering teacher training programs, American cultural awareness training, and professional workshops for teachers of Chinese.

Conferences and Forums
The Confucius Institute will also create opportunities for cultural exchanges and collaborations between the United States and China, especially in the New England region. Conferences and forums organized by the Institute will offer platforms for communication between educators and business people from both countries.

Travel
The Confucius Institute will organize tours that will bring students, educators and business people from the US to China and from China to the US, providing opportunities to strengthen language skills through immersion and deepen cultural awareness through direct experience.

For more information contact: Baifeng Sun, Interim Associate Director, University of Massachusetts Confucius Institute (tel: 617.287.7291; fax: 617.287.7297; email: baifeng.sun@umb.edu) or visit www.confucius.umb.edu/.

Marine Studies Consortium

UMass Boston is a member of the Marine Studies Consortium, an association of Massachusetts higher education and research institutions whose mission is to increase understanding of coastal and marine ecosystems and to promote policies that protect aquatic resources.

The Consortium's undergraduate academic program offers unique learning opportunities in marine and aquatic sciences, environmental policy, and environmental management. Courses are held during the evenings on the campuses of member institutions. Undergraduate academic credit is also available to students from the general public through arrangements with Consortium member schools. The Consortium also provides planning tools that can help solve small-community wastewater management problems.

For more information on the Consortium, visit: www.brandeis.edu/marinestudies/about.html or call 781-444-3643.

Office of Professional Development for Educators

The Office for Professional Development for Educators at UMass Boston promotes the Graduate College of Education and the College of Nursing and Health Sciences in offering degree, certificate, and individual professional development courses to school districts, school administrators and staff, and to individual teachers. The Office enables the Graduate College of Education to collaborate with schools and districts on critical issues. Courses and programs are available at our Boston Harbor campus, and many of our offerings can be delivered in local schools districts. Many courses and programs are available online.

The Office can help school districts by providing comprehensive Professional Development plans or by tailoring individual courses in leadership, pedagogy, or in the teaching of academic content areas.

OPDE-affiliated programs address professional development needs in a wide range of educational specialties, including the following:

SCHOOL COUNSELING

- MS in Family Therapy Counseling
- MS in Mental Health Counseling
- MS in Rehabilitation Counseling
- MEd in School Counseling

CURRICULUM & INSTRUCTION

- MEd in Curriculum & Instruction (Initial Licensure)
- Adapting Curriculum Frameworks for All Learners (Online Certificate)

INSTRUCTIONAL DESIGN & TECHNOLOGY

- Online MEd in Instructional Design
- Online Certificate in Instructional Technology Design
- Online Certificate in Instructional Technology for Educators

SPECIAL EDUCATION

- Online Certificate in Applied Behavior Analysis for Special Populations
- Online Certificate in Orientation and Mobility

ENGLISH LANGUAGE ARTS

- Boston Writing Project
- Graduate Certificate in the Teaching of Writing
- Advanced Placement Summer Institute in English Language and Composition

HISTORY AND SOCIAL STUDIES

- Massachusetts Studies Project
- Advanced Placement Summer Institute in US History

SCIENCE AND MATHEMATICS

- Center of Sciences and Math in Context (COSMIC)
- Advanced Placement Summer Institutes in Chemistry, Environmental Science, and Statistics

VOCATIONAL-TECHNICAL EDUCATION

- Center for Technical Education

ADVANCED PLACEMENT INSTRUCTION

- Advanced Placement Summer Institute

SCHOOL NURSES

- RN-to-BS Degree Completion Program

For more information on OPDE programs and activities, please contact Paul O'Leary, Director, at 617.287.7919, by email: prfdvlopment@umb.edu, or visit ccde.umb.edu/opde.

Summer 2007 Non-Credit Program Registration

Use this form to register for Corporate & Professional Training, English Language Study, and Graduate Test Preparation (pages 92-96)

Student ID # _____

Social Security #: ___ – ___ – ____

Name _____
First MI Last

Date of Birth _____ **Sex** ○ Male ○ Female
Month Day Year

Daytime Phone ( ) **Evening Phone** ( )

Email address _____

Mailing address _____

_____

Are you a Massachusetts resident? ○ Yes ○ No

Job Title _____

Employer _____

Employer Address _____

_____

Have you taken courses at UMass Boston before? ○ Yes ○ No

Ethnic Survey Information. Please circle appropriate letter.

A. American Indian/Alaskan Native
B. Black Non-Hispanic
C. Asian or Pacific Islander
D. Hispanic
E. Non-resident Alien
F. White Non-Hispanic
G. Other _____

This is your only record of your registration transaction!! Please retain a copy for your records

Course Selections

Class No. (4-6 digits)	Title	Starting Date	Program Fee

Method of Registration

○ Mail ○ FAX
○ Phone ○ Walk in

_____
CE Staff Initials

_____
Postmark Date

Method of Payment

☐ **I am paying by check.** Make checks payable to UMass Boston. If you are registering by mail, send this form along with your check to: UMass Boston CCDE, Box NC, 100 Morrissey Boulevard, Boston, MA 02125-3393.

☐ **I am paying by credit card.** UMass Boston no longer accepts direct card payments, but you can pay your fees by credit card through SallieMae® (MasterCard, Discover, or American Express only). A 2.5% service fee will be charged by SallieMae for processing your payment. Instructions and links can be found at wiser.umb.edu.

☐ **I am paying in cash.** Once you have registered, you can make a cash payment at the Bursar's Office (Campus Center, 4th floor) before 4:00pm.

☐ **Bill my account.** Bills will be sent to the mailing address entered above. For account status and payment information, visit wiser.umb.edu.

☐ **Outside Agency** _____

☐ **Other** _____

Total

Payment by Outside Agency

If charges are to be paid by an outside agency, a payment authorization from that agency must accompany this registration form. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them.

Summer 2007 Credit Course Registration

Name _____
First MI Last

Date of Birth _____ Sex ◯ Male ◯ Female
Month Day Year

Daytime Phone ( ) _____ Evening Phone ( ) _____

Email address _____

Mailing address _____

Student ID # _____

Social Security #: ___ – ___ – ____

Job Title _____

Employer _____

Employer Address _____

Are you a Massachusetts resident?
Yes ◯ No ◯

Have you taken courses at UMass Boston before?
Yes ◯ No ◯

Ethnic Survey Information. Please circle appropriate letter.
A. American Indian/Alaskan Native
B. Black Non-Hispanic
C. Asian or Pacific Islander
D. Hispanic
E. Non-resident Alien
F. White Non-Hispanici
G. Other _____

Course Selections

Class No	Department / Catalog No	Title	Session	Faculty Initials (if necessary)	Credits	Course Fee		Lab Fee (if any)		Total Course and Lab Fee
							+		=	
							+		=	
							+		=	
							+		=	
							+		=	
							+		=	
							+		=	

Method of Registration

◯ Mail ◯ FAX
◯ Phone ◯ Walk-in

Note: improperly completed forms and/or checks cannot be accepted, and therefore will be returned unprocessed.

CE Staff Initials _____

Postmark Date _____

Method of Payment

☐ **I am paying by check.** Make checks payable to UMass Boston. If you are registering by mail, send this form along with your check to: UMass Boston CCDE, Box C, 100 Morrissey Boulevard, Boston, MA 02125-3393.

☐ **I am paying by credit card.** UMass Boston no longer accepts direct card payments, but you can pay your fees by credit card through SallieMae® (MasterCard, Discover, or American Express only). A 2.5% service fee will be charged by SallieMae for processing your payment. Instructions and links can be found at wiser.umb.edu.

☐ **I am paying in cash.** Once you have registered, you can make a cash payment at the Bursar's Office (Campus Center, 4th floor) M-Th 8:00-4:30pm, Friday 8:00-4:00..

☐ **I am using financial aid.**

☐ **Bill my account.** Bills will be sent to the mailing address entered above. For account status and payment information, visit wiser.umb.edu.

☐ **Third Party or Outside Agency** _____
(Attach documentation)

☐ **Other** _____

Please calculate fees below.

Course and Lab Fees (total) _____

Service Fees **$210**

($50 if taking only online courses)

Subtotal _____

Records Fee* _____

Late Registration Fee** _____

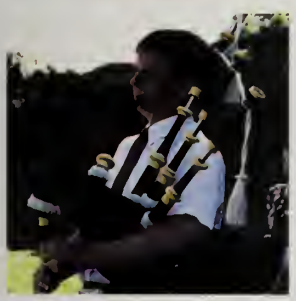
Total _____

*$6; required of non-matriculated students
**$25 if applicable; see "When to Register," page 3.

Summer 2007

INTERNATIONAL PROGRAMS:

Study the World Up Close



Why not spend a few weeks exploring a far-off place—and earn up to six credits towards your degree?

Each summer UMass Boston offers students the chance to participate in international programs that span the globe. These adventurous programs, ranging in length from two to five weeks, weave together an array of unique sensations, cultures, people, politics, histories, languages, arts, and archaeological treasures. Surround yourself with the sights, sounds, and scents of other lands while a highly experienced UMass Boston professor guides you along the way.

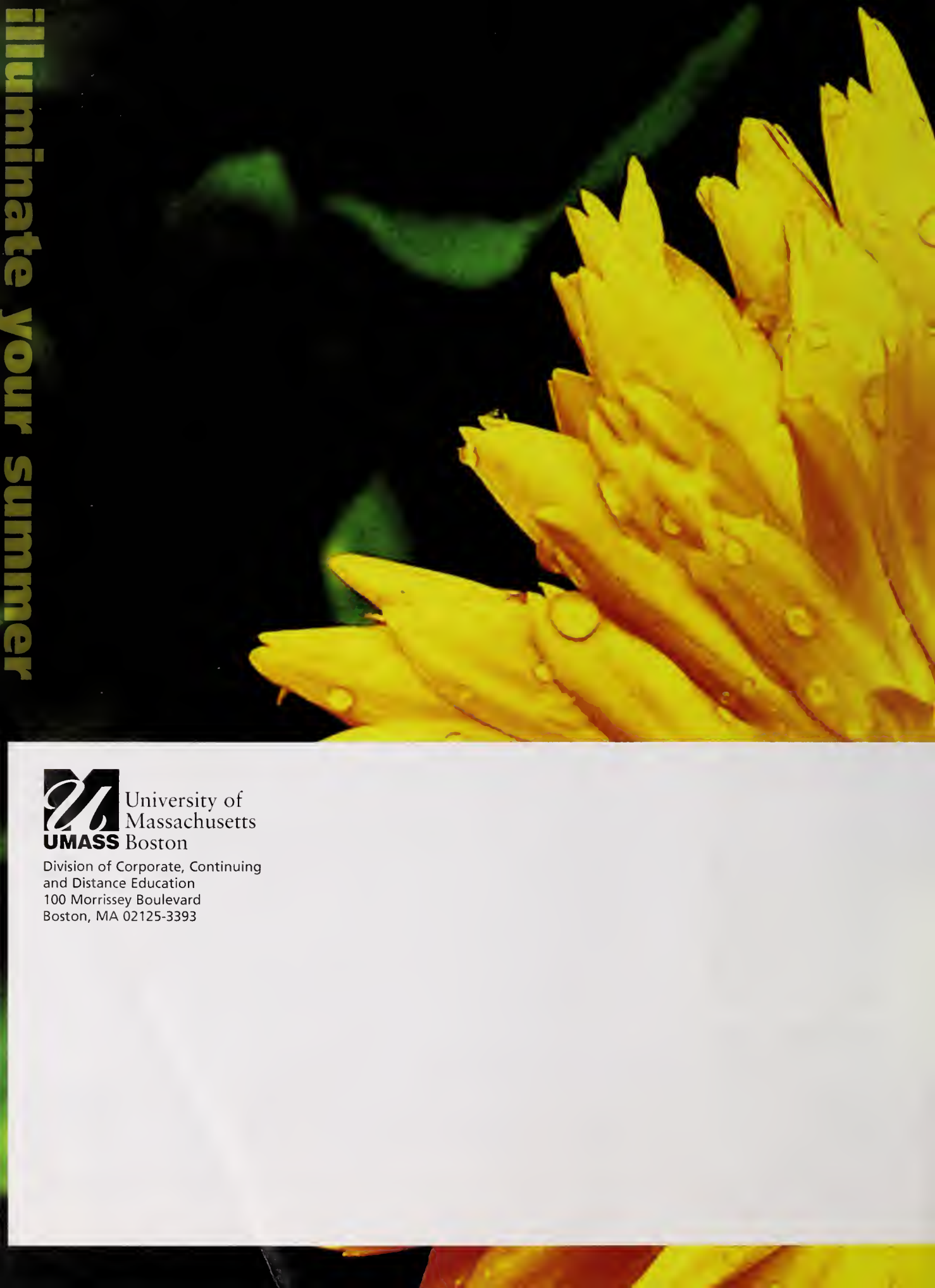
- **Spanish Language and Culture - Cuernavaca, Mexico**
  June 3-July 8
- **Caribbean Studies Summer Institute: History, Culture and Society: Puerto Rico and the Virgin Islands**
  June 4-July 7
- **Entrepreneurship in China and the US - For MBA Candidates**
  June 4-27
- **Ireland Today**
  June 12-July 1
- **Field School in Prehistoric Archaeology in Belize**
  June 14-July 8
- **The New Europe and the European Union - Amsterdam**
  June 16-30
- **China Today**
  May 31-June 20
- **Le Paris des Parisiens - A Workshop in Paris for Educators**
  July 3-July 14

Find Out More

For more information about our international programs, visit **ccde.umb.edu/international** or contact:

Susan Griffin
617.287.7278
susan.griffin@umb.edu

UMASS BOSTON



University of Massachusetts
UMASS Boston
Division of Corporate, Continuing
and Distance Education
100 Morrissey Boulevard
Boston, MA 02125-3393